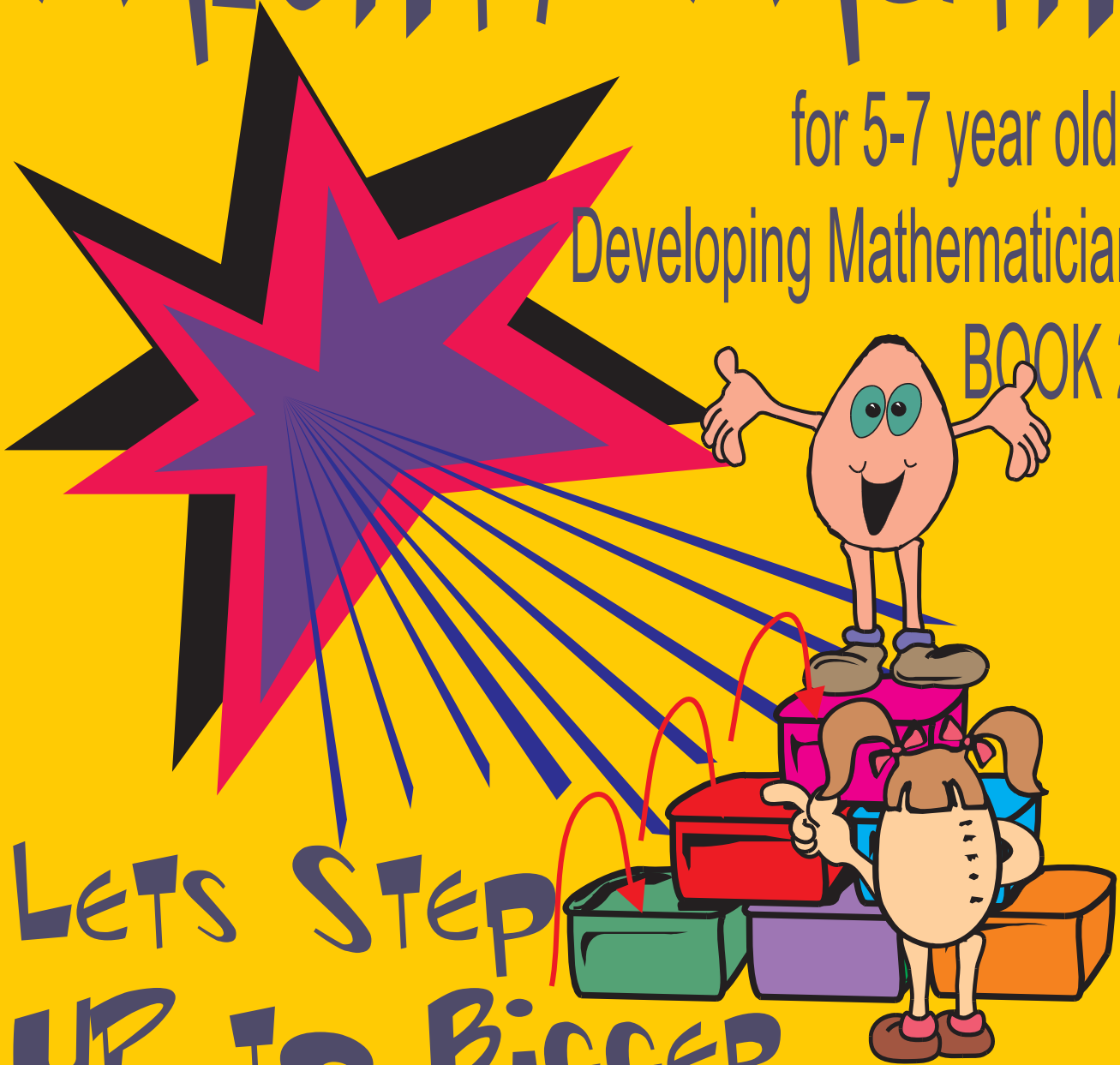


# Mighty Math

for 5-7 year olds

Developing Mathematician

BOOK 2



LET'S STEP  
UP TO BIGGER  
NUMBERS

Kim Freeman

Mighty Math, Developing Mathematician Book 2, Lets Step Up to Bigger Numbers  
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eBook Version First Published in 2007 by:  
Mahobe Resources (NZ) Ltd  
P.O. Box 109-760  
Newmarket, Auckland 1149  
New Zealand.

[www.mahobe.com](http://www.mahobe.com)

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ISBN10: 1877216542  
ISBN13: 9781877216541

# Mighty Math

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## HOW CAN YOU HELP YOUR CHILD IN MATHEMATICS?

To help reinforce mathematical skills as well as to maintain motivation, the same type of question needs to be asked in different ways and contexts. The work being attempted must also be progressively more challenging.

### HOW CAN I MOTIVATE MY CHILD?

As a parent, you are your child's first and most influential teacher. Enthusiastic parents produce enthusiastic children. It is more fun to do any activity when parents or older sisters and brothers are keen to take part.

### HOW CAN I MAKE THE BEST USE OF THIS BOOK?

Book 2 begins work on numbers up to 100 - how they are formed and how they are written. It compares smaller and bigger numbers and provides practice for the writing of number words. At the end of the book there is a short section on shapes.

- Choose a time when your child is alert and eager to learn.
- Sit down and explain each of the concepts.
- Reinforce concepts in the book by putting objects into groups of 10 with left overs. Practise writing and spelling the numbers that you form.

### WHAT HAPPENS IF MY CHILD DOES NOT GET THE ANSWERS CORRECT?

Mistakes provide wonderful learning opportunities. Don't worry! Go over the pages, praise what has been done right and talk about what has gone wrong. Rub out their answers then let them try that page again. The work in this series of books will become increasingly more challenging. With some children the learning process will take time, however practice and repetition will lead to increased confidence in mathematics.

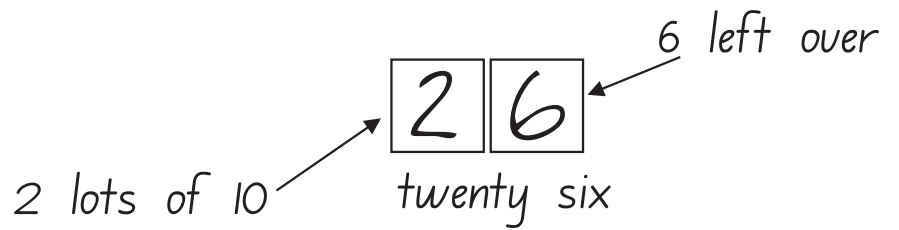
### HOW LONG SHOULD MY CHILD SPEND ON MATHEMATICS?

Children often work for 10 - 15 minutes on one activity then move onto something completely different. If a child works for 15 minutes (2 - 4 pages) a day, they are completing nearly 2 hours extra work per week and over 90 hours per year. This is extra to school lessons and sets a pattern for later years.

Most children will need to be encouraged to start an activity, however do not force them. Help them start by reading through and explaining any instructions. Reward their efforts with more encouragement. Above all, instill an enjoyment of mathematics and its challenges. Success and confidence in any subject inevitably leads to an enjoyment of learning. We hope that you and your child have fun with Mighty Maths. At Mahobe, we certainly had fun putting it all together for you.

# What's In This Book?

- Writing numbers greater than 20.

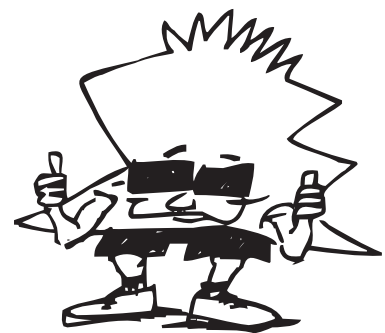
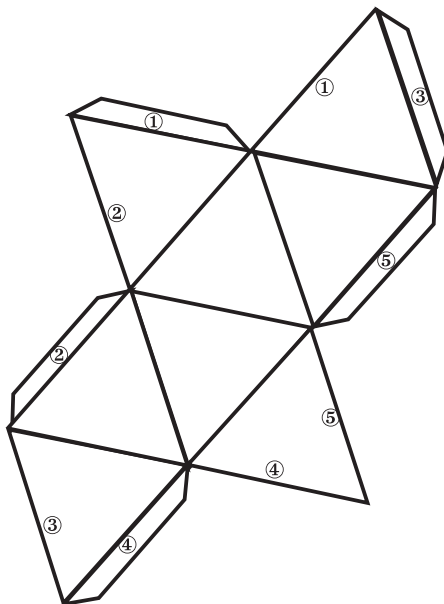


- More arithmetic.

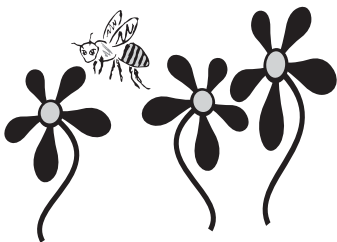
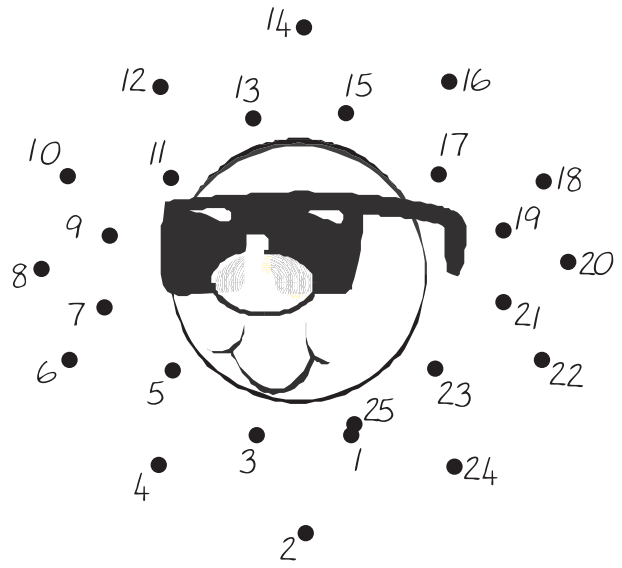


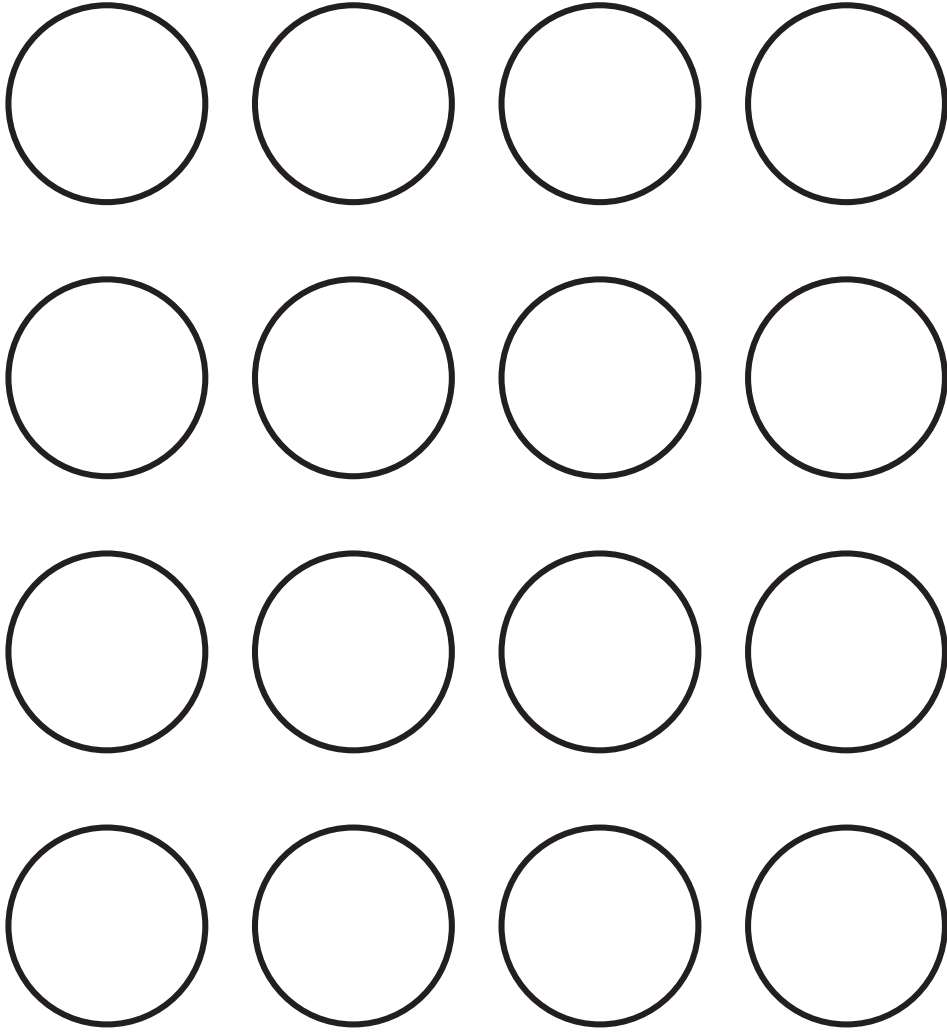
$$15 + 5 = \square = \bigcirc + \bigcirc$$

- Shapes.



Join the dots to complete the picture.





Color the left column blue.

Color the bottom row red.

Color the top right hand circle green.

Count the objects.



Number

1

Word

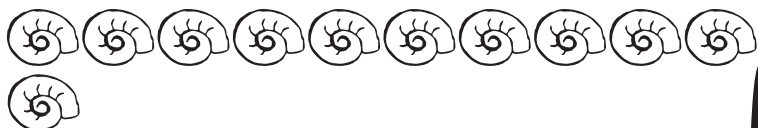
one



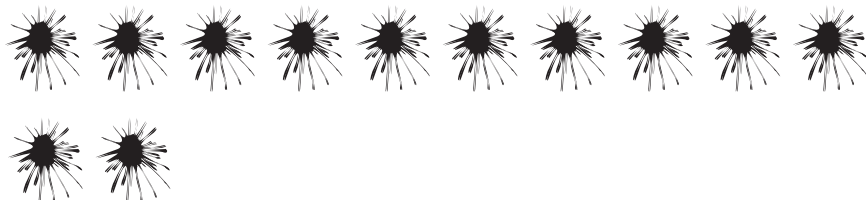


Number

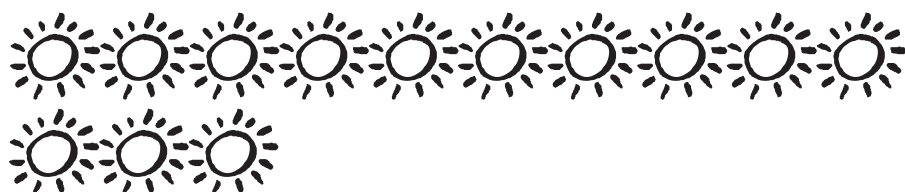
Word



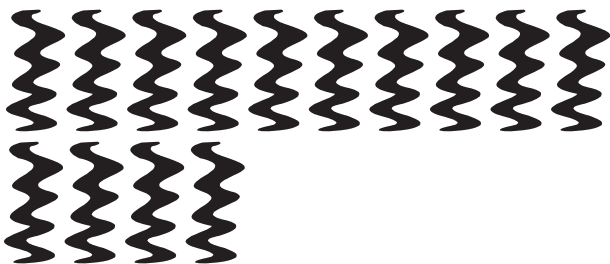
11 eleven



.....



.....



.....



.....



.....

Number

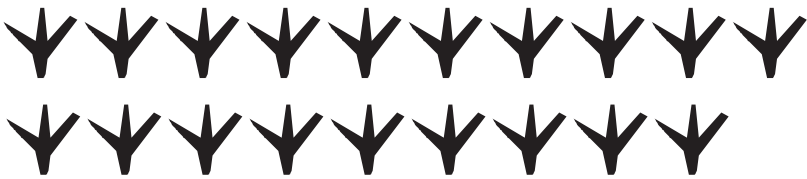
Word



..... 17 ..... seventeen .....



.....



.....



.....

Complete the number series.

• ..... 10 11 12 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....

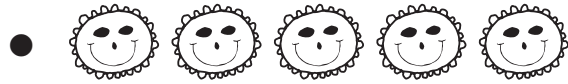
• ..... 9 10 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....

• ..... 7 8 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....

• ..... 16 15 14 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....

Match the pictures with the words.

One •



Two •



Three •



Four •



Five •



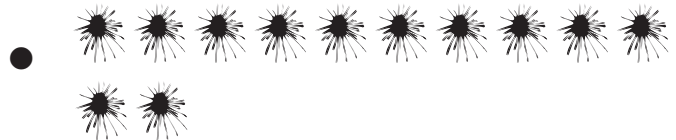
Six •



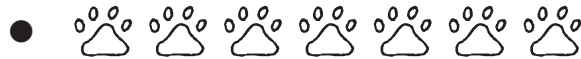
Seven •



Eight •



Nine •



Ten •



Eleven •



Twelve •



Draw more shapes then complete the sentences.

Draw 4 more circles. .... is 4 more than 3.



$$3 + 4 =$$

Draw 5 more rectangles. .... is 5 more than 4.



$$4 + 5 =$$

Draw 1 more rhombus. .... is 1 more than 7.



$$7 + 1 =$$

Draw 3 more triangles. .... is 3 more than 8.



$$8 + 3 =$$

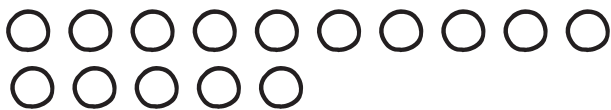
Complete the sentences.

Cross out 5 rectangles. .... is 5 less than 12.



$$12 - 5 =$$

Cross out 3 circles. .... is 3 less than 15.



$$15 - 3 =$$

Cross out 5 triangles. .... is 5 less than 10.



$$10 - 5 =$$

Cross out 1 rhombus. .... is 1 less than .....

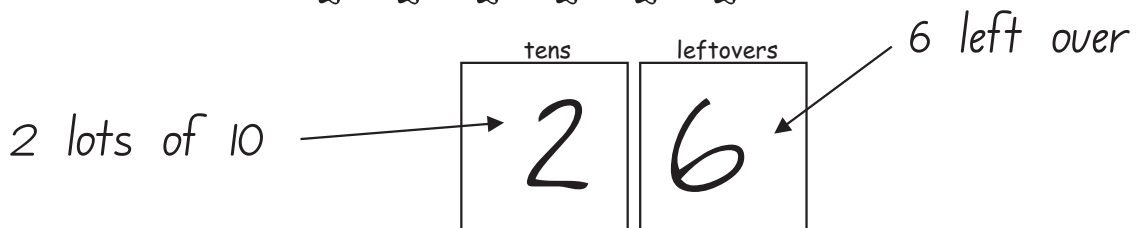


$$16 - 1 =$$

# Writing numbers greater than 20.

How many apples?

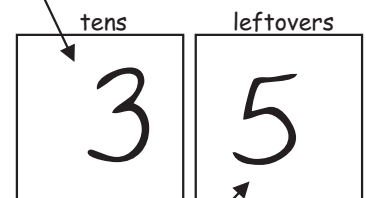
Circle each group of 10.



How many mushrooms?



3 lots of 10



5 left over

Circle the groups of 10 then write the number of objects in each group.



number of carrots =

tens	leftovers



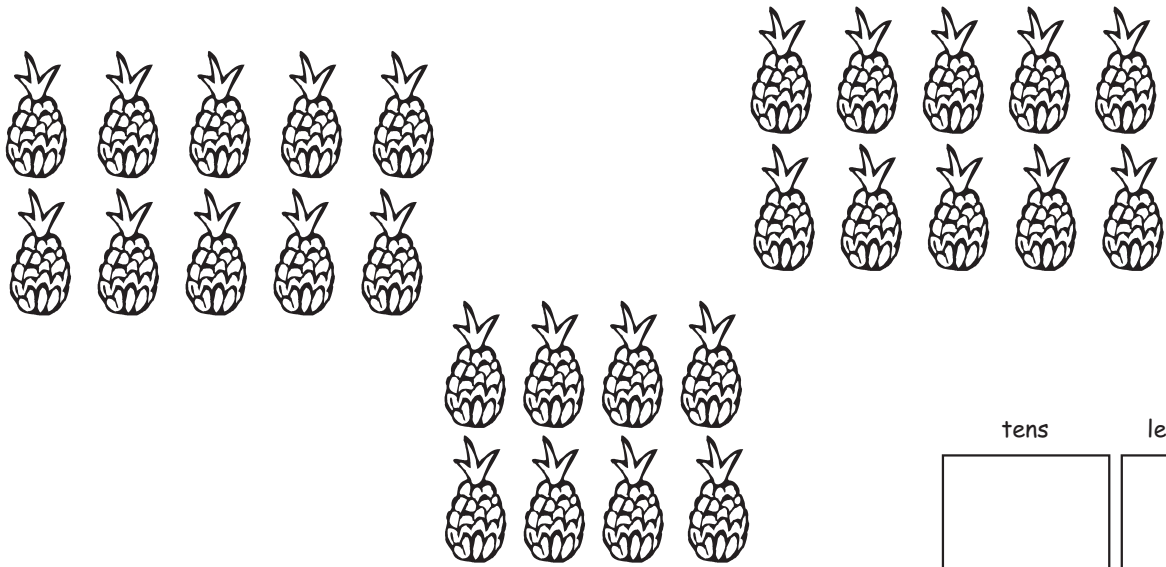
number of apples =

tens	leftovers



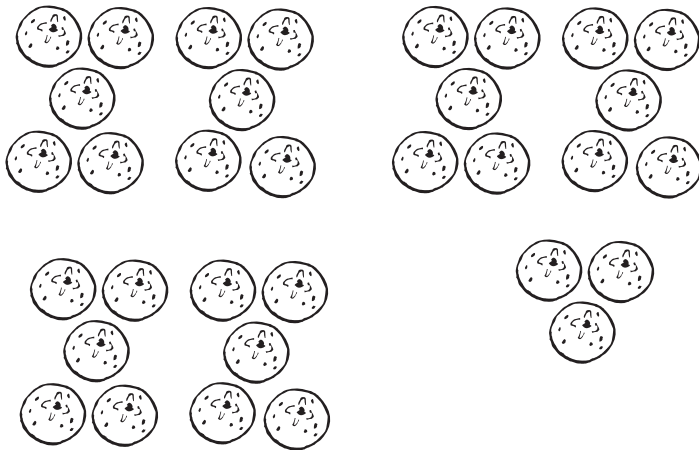
number of strawberries =

tens	leftovers



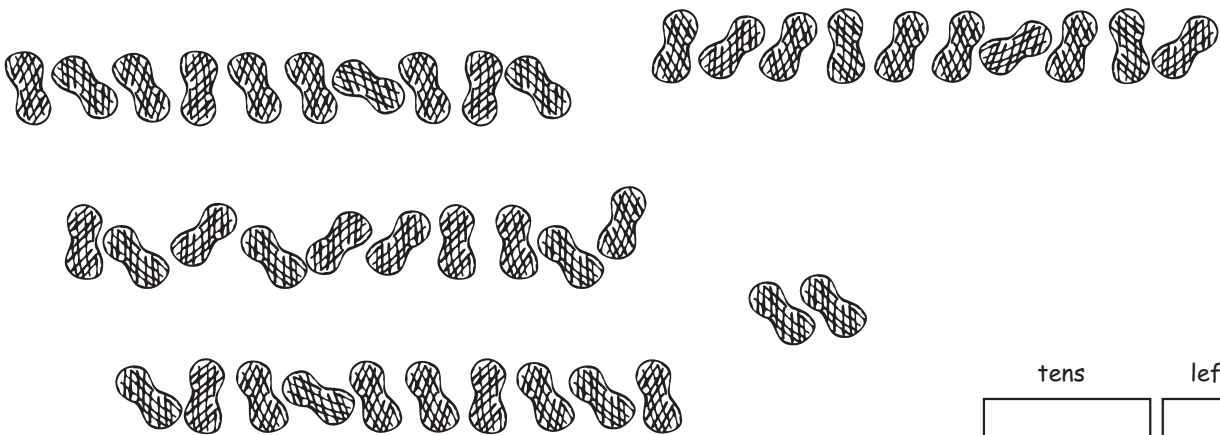
number of pineapples =

tens	leftovers



number of oranges =

tens	leftovers



number of peanuts =

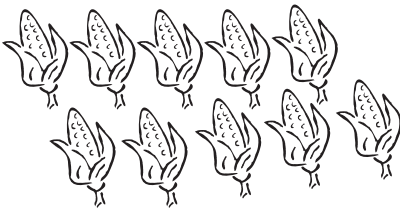
tens	leftovers





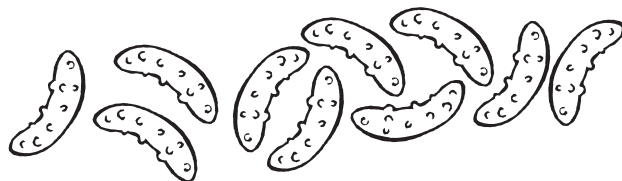
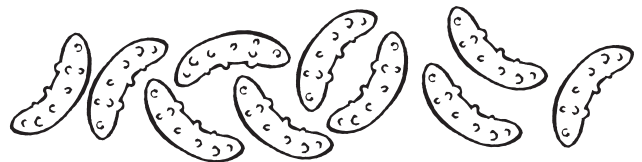
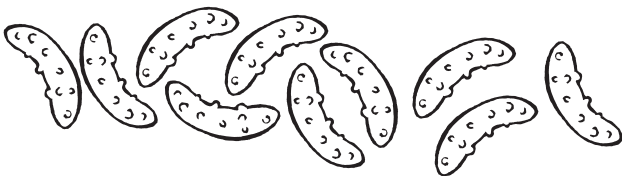
number of lemon slices = .....

tens	leftovers



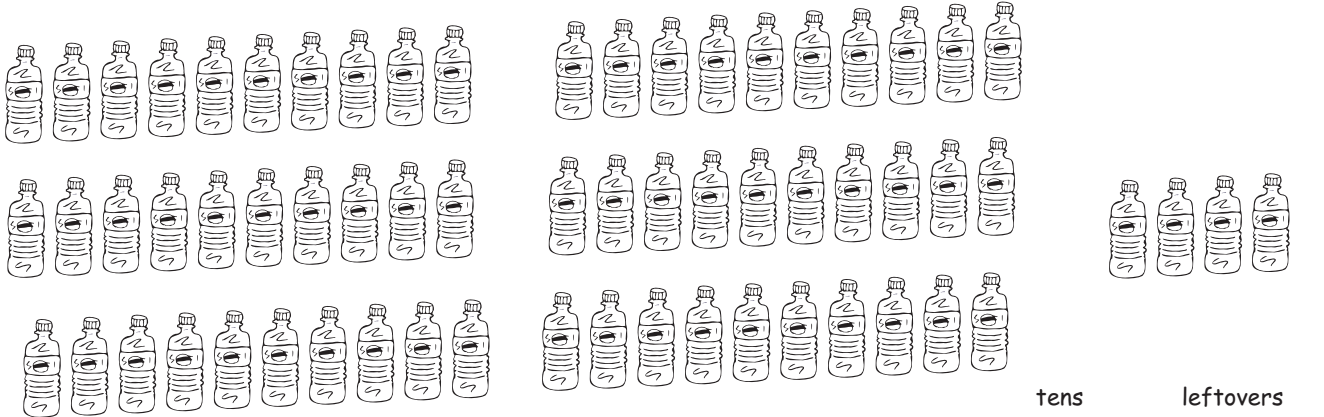
number of sweet corn = .....

tens	leftovers



number of pickles = .....

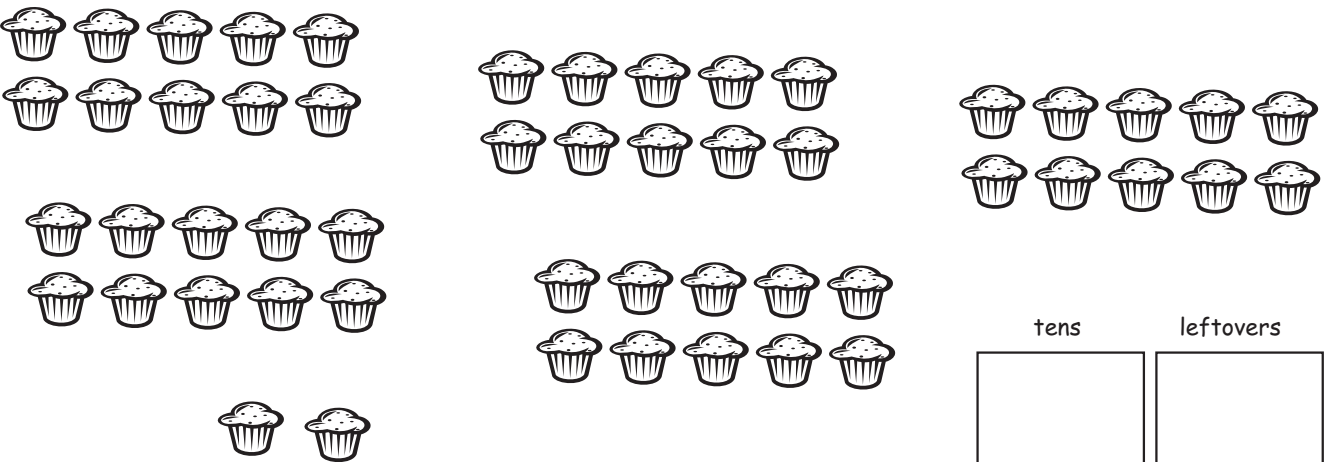
tens	leftovers



tens	leftovers

.....

number of bottles =



tens	leftovers

.....

number of muffins =



tens	leftovers

.....

number of cups =

Complete the table.

0	1	2	3							
				14		16				
	21		23		25					30
		32		34			37		39	
	41					46		48		
			53		55					60
		62					67			
	71			74				78		
		82			85				89	
			93			96		98		100

Fill in the missing spaces.

zero.....0.....

one.....1.....

.....two..... 2

..... 3

..... 4

..... 5

six.....

seven.....

..... 8

..... 9

..... 10

eleven .....

twelve .....

thirteen .....

fourteen .....

..... 15

..... 16

..... 17

..... 18

..... 19

..... 20

ten .....

twenty .....

thirty .....

..... 40

..... 50

..... 60

..... 70

..... 80

..... 90

one hundred .....

Complete these sentences.

..... is between 27 and 29.

27 ..... 29

..... is between 44 and 46.

44 ..... 46

..... is between 31 and 33.

31 ..... 33

91 is between ..... and .....

..... 91 .....

59 is between ..... and .....

..... 59 .....

Complete these sentences.

69 comes just after .....

..... 69 70

85 comes just after .....

..... 85 86

..... comes just before 71.

..... 71 72

..... comes just before 37.

..... 37 38

..... is just before 20 and just after .....

..... ..... 20

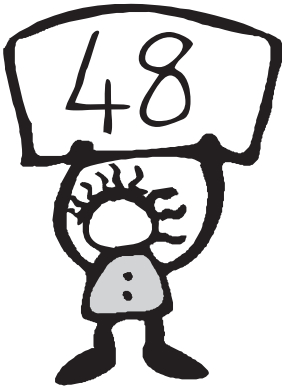
Spell these number words.



$20 + 7$   
.....  
twenty seven  
.....

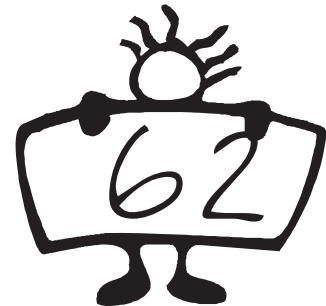


.....  
.....



.....  
.....

.....  
.....

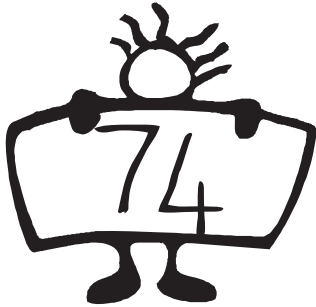
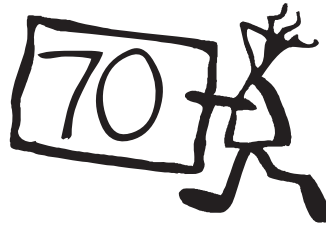


.....  
.....



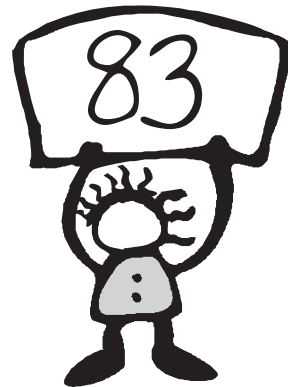
Spell these number words.

.....  
.....

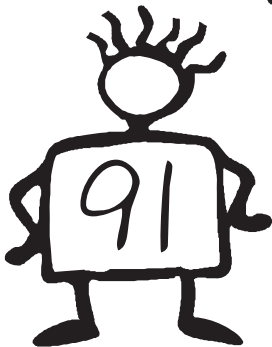


.....  
.....

.....  
.....



.....  
.....



.....  
.....



Count the number of items  
then write the correct word.

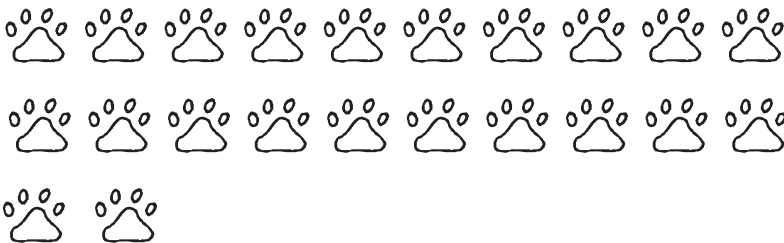
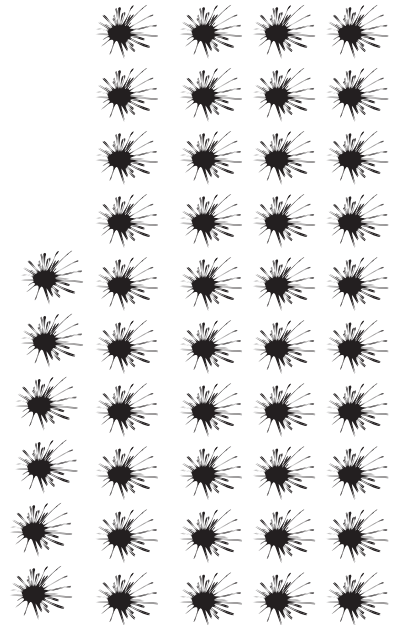


39

thirty nine

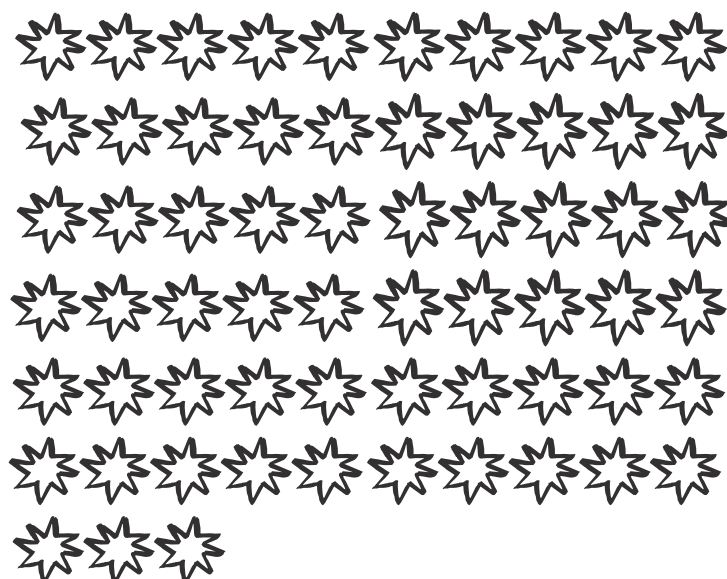
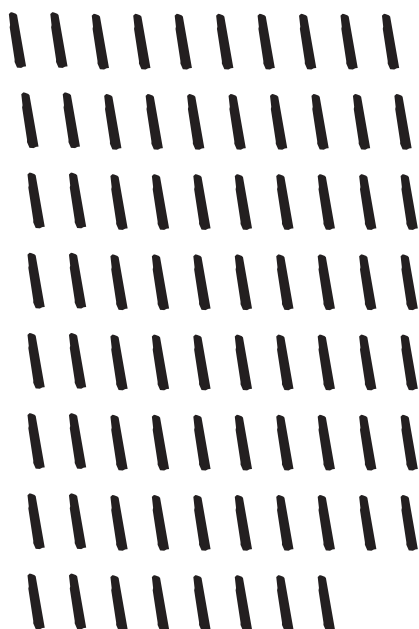
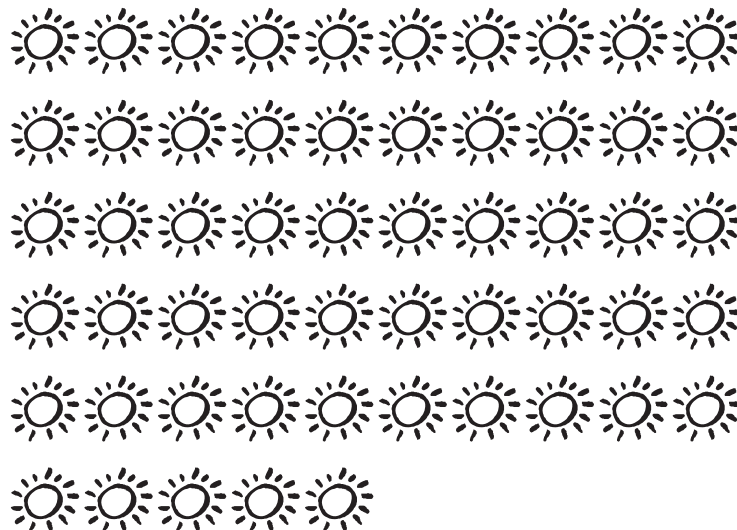
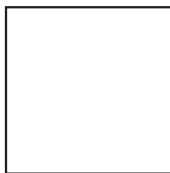


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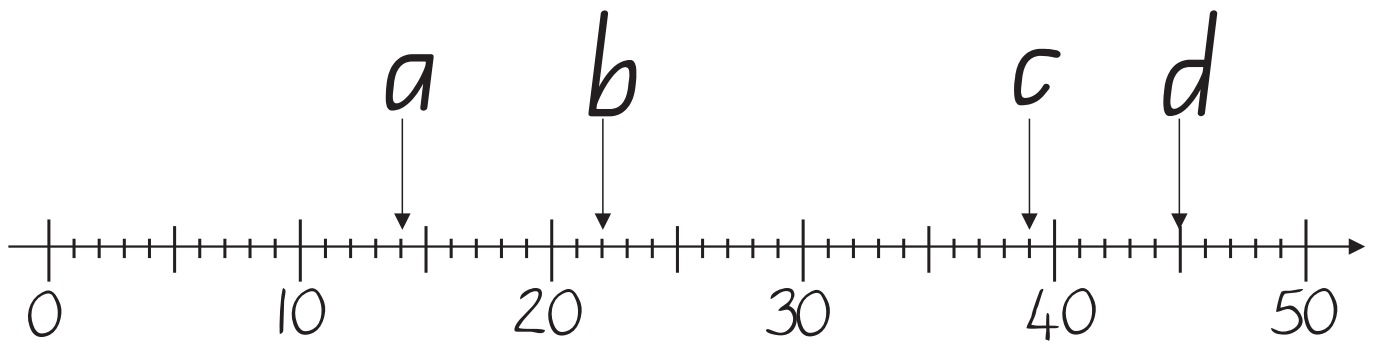


.....

Count the number of items  
then write the correct word.



Which numbers have been labelled?

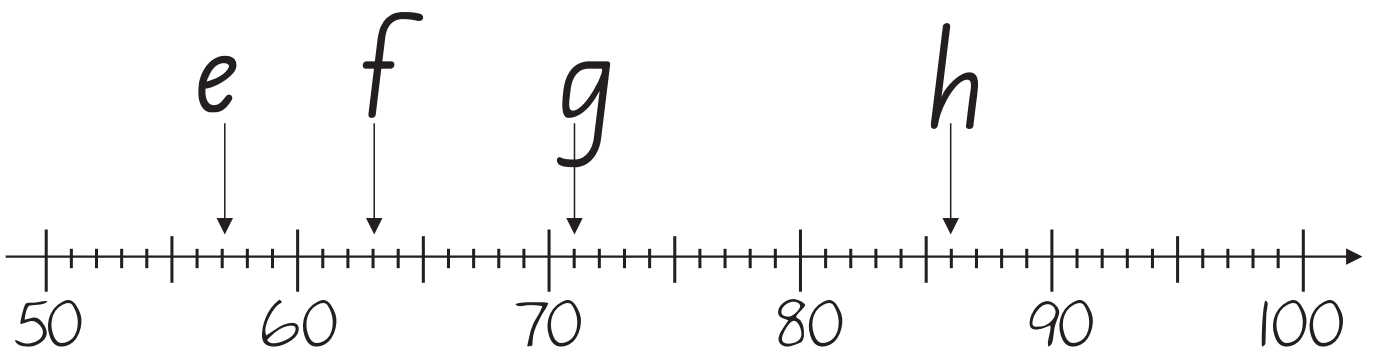


a = ...14...fourteen.....

b = .....

c = .....

d = .....



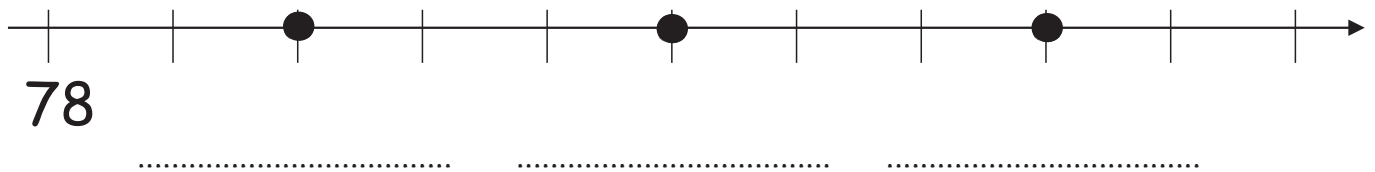
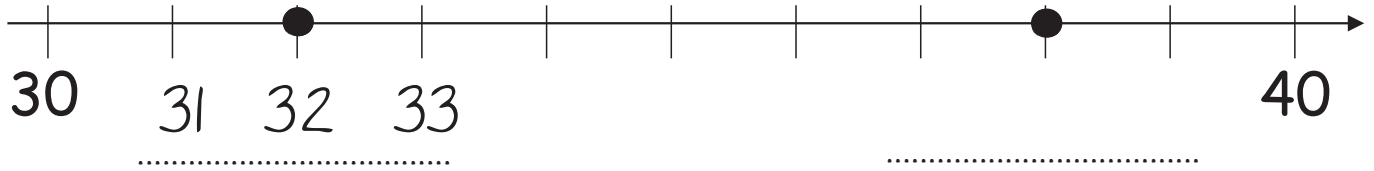
e = .....

f = .....

g = .....

h = .....

Write the number on the number line. Write the numbers on either side of that number.



Circle the even numbers.

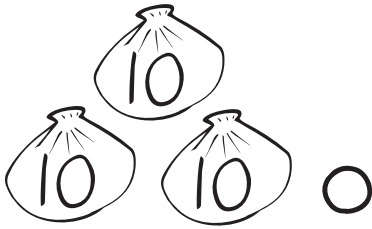
27                      63      3      69  
                          44      76      18      52

Write the numbers in order.

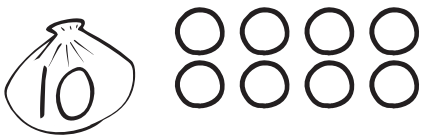
.....



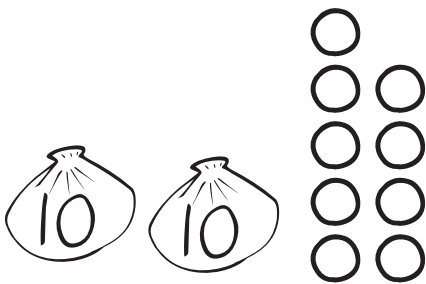
$$= 45$$



$$= \dots\dots\dots$$



$$= \dots\dots\dots$$

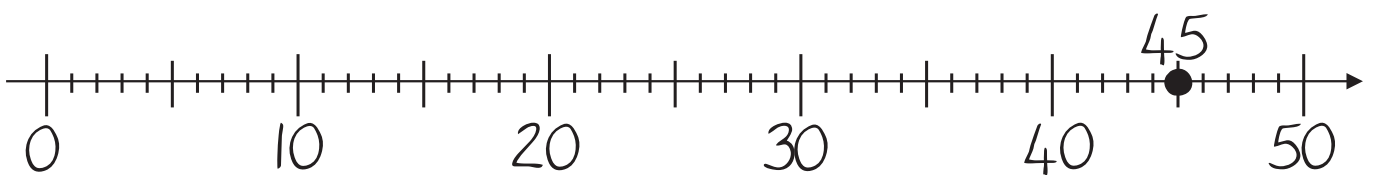


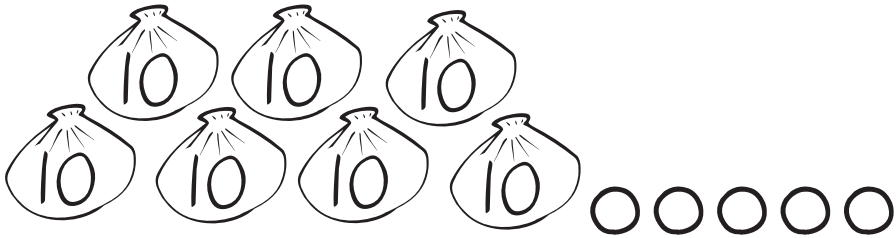
$$= \dots\dots\dots$$




$$= \dots\dots\dots$$

Show all the above numbers on the number line.

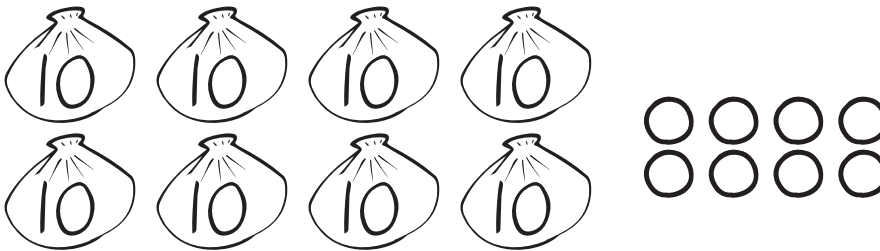




$$7 \times 10 + 6 = \dots\dots\dots$$




$$4 \times 10 + 4 \times 2 = \dots\dots\dots$$



$$8 \times 10 + 8 \times 2 = \dots\dots\dots$$

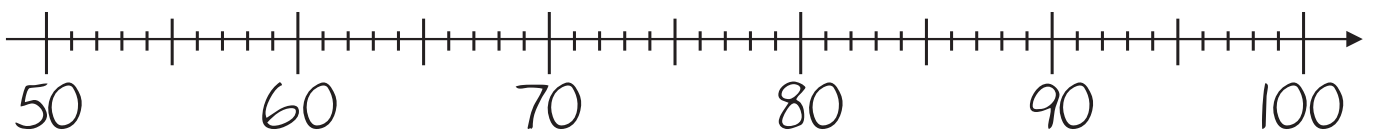


$$5 \times 10 + 3 = \dots\dots\dots$$

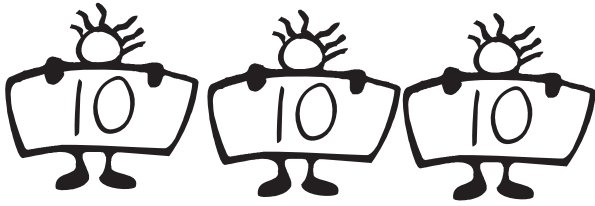


$$9 \times 10 + 1 = \dots\dots\dots$$

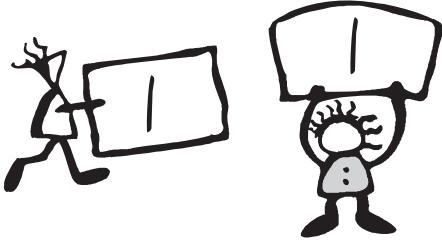
Show all the above numbers on the number line.



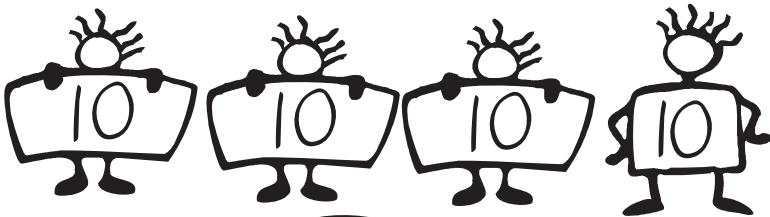
Write 2 different additions.



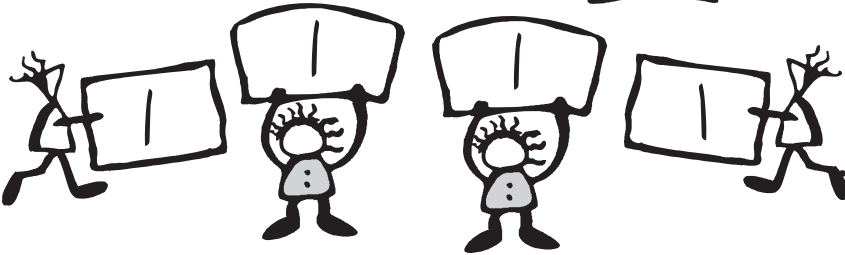
$$30 + 2 = 32$$



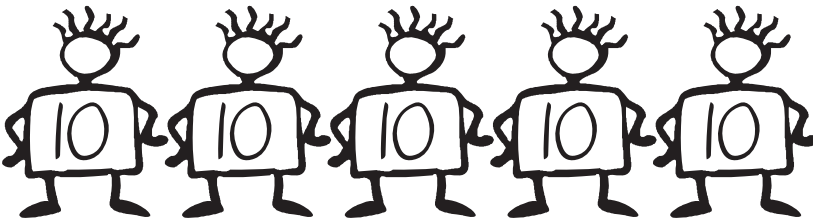
$$2 + 30 = 32$$



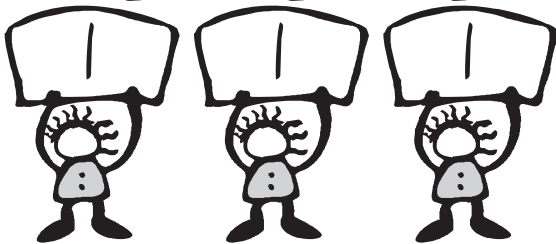
.....



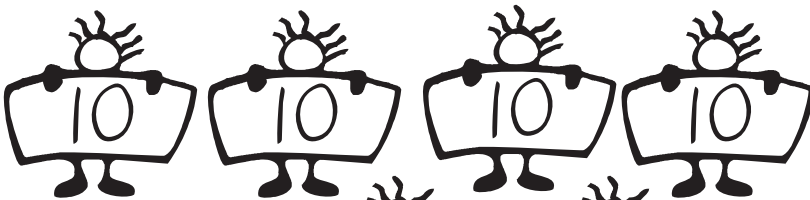
.....



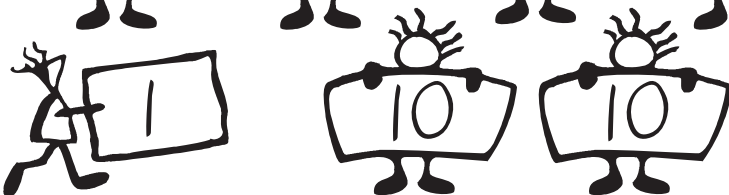
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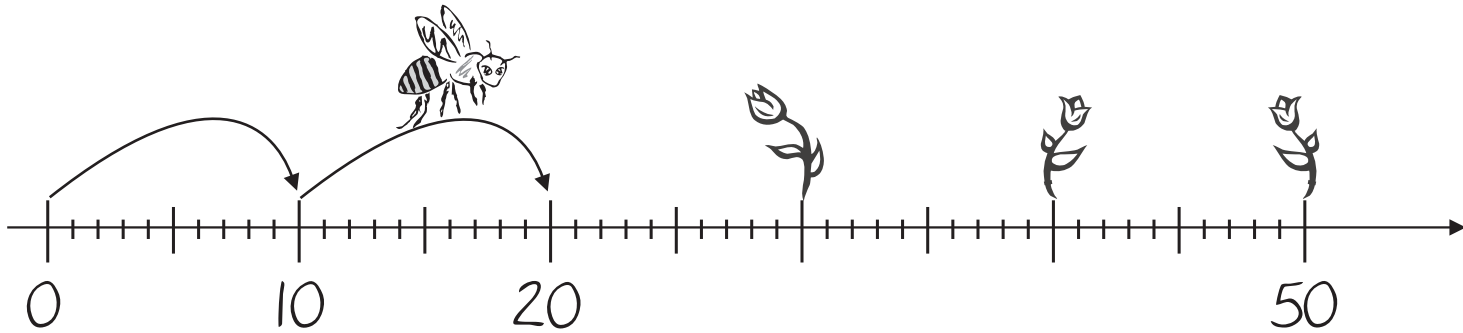


.....



.....

Buzz starts at zero and flies 10 units at a time.

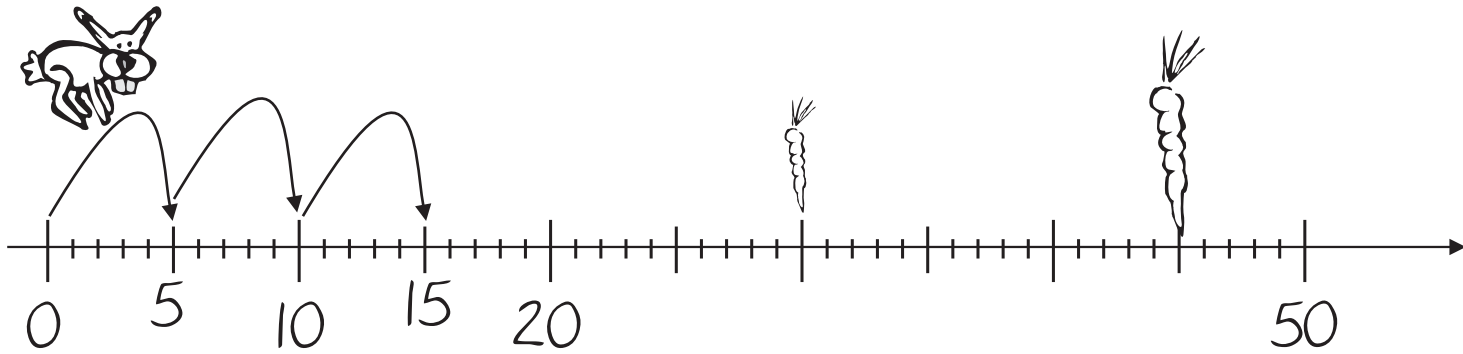


Write the numbers that Buzz lands on.

.....

.....

Chopper starts at zero and jumps 5 units at a time.

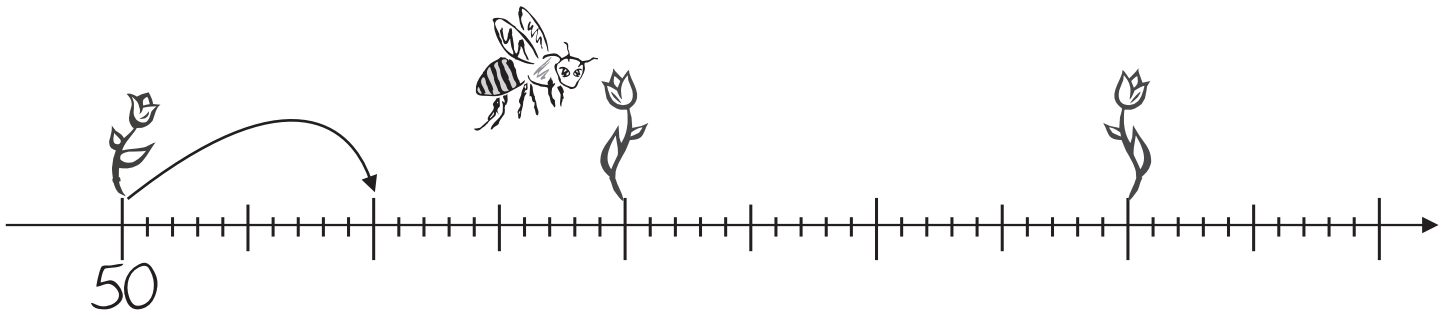


Write the numbers that Chopper lands on.

.....

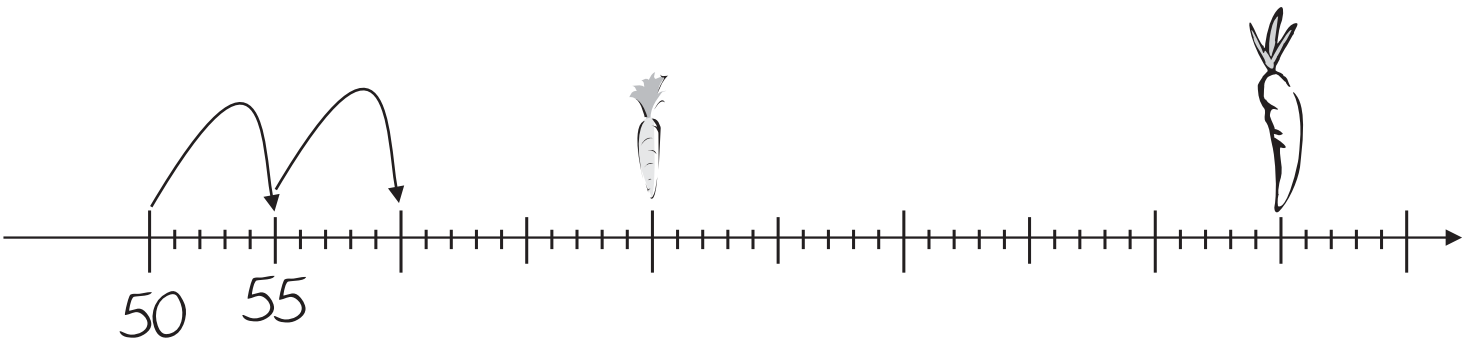
.....





Write the numbers that have flowers on them.

.....

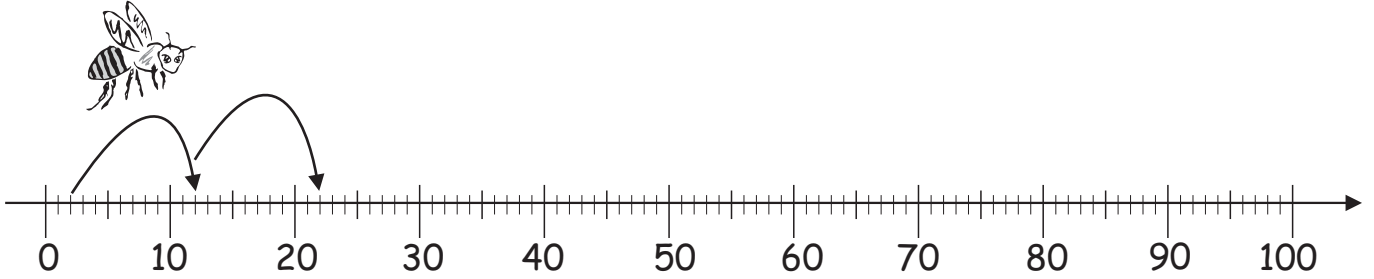


Write the numbers that have carrots on them.

.....

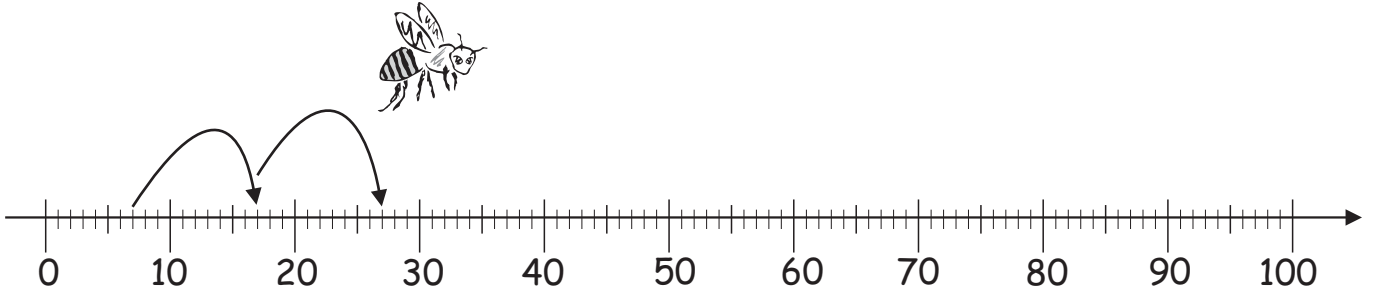
Write all the numbers that Buzz lands on.

Buzz starts at 2 and flies 10 units at a time.



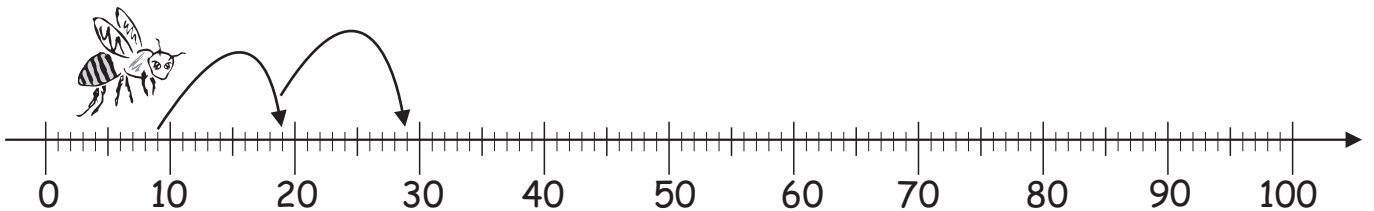
2 12 22 .....  
.....

Buzz starts at seven and flies ten units at a time.



7 17 27 .....  
.....

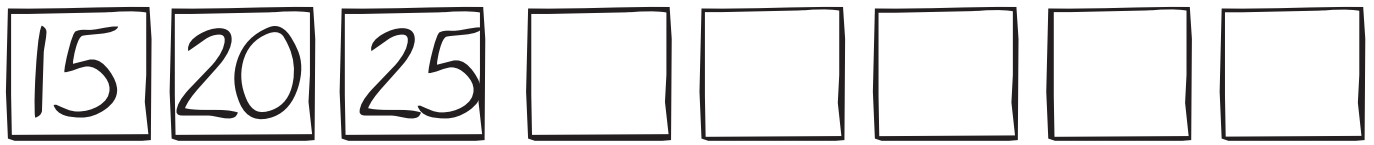
Buzz starts at 9 and flies 10 units at a time.



9 19 29 .....  
.....

All this flying leaves  
Buzz a little exhausted. 

Continue the patterns.



Complete these sums.

$5 + 5 =$

$30 + 5 =$

$10 + 5 =$

$35 + 5 =$

$15 + 5 =$

$40 + 5 =$

$20 + 5 =$

$45 + 5 =$

$25 + 5 =$

$50 + 5 =$

Complete these sums.

$50 + 5 =$

$75 + 5 =$

$55 + 5 =$

$80 + 5 =$

$60 + 5 =$

$85 + 5 =$

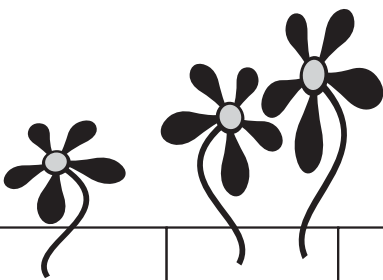
$65 + 5 =$

$90 + 5 =$

$70 + 5 =$

$95 + 5 =$

Complete the table.

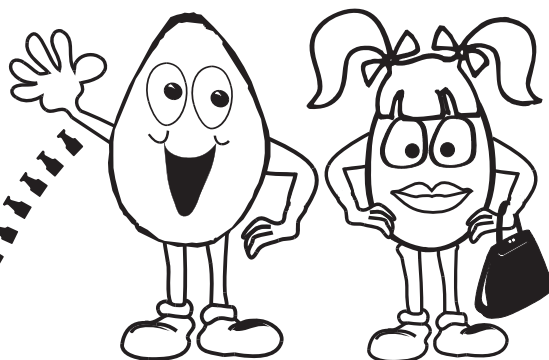


Number of flowers.

1	2	3	4	5	6	7	8
5	10						

Number of petals.

Dennis Difference and Alicia Addison are here to watch as you zip up this next set of sums.



$0 + 10 =$

$10 + 10 =$

$20 + 10 =$

$30 + 10 =$

$40 + 10 =$

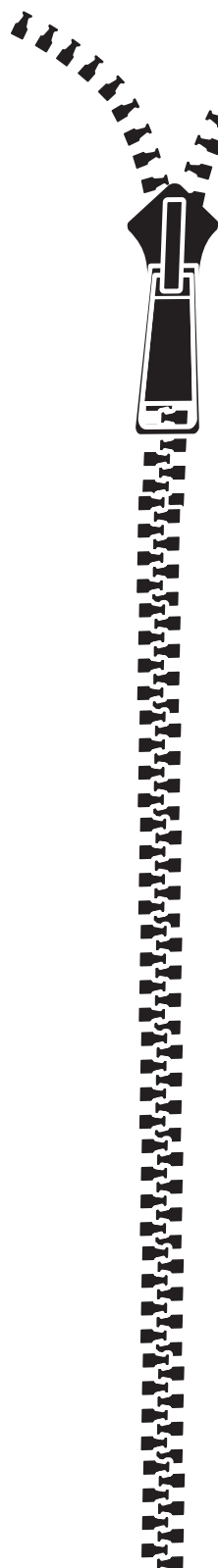
$50 + 10 =$

$60 + 10 =$

$70 + 10 =$

$80 + 10 =$

$90 + 10 =$



$5 + 10 =$

$15 + 10 =$

$25 + 10 =$

$35 + 10 =$

$45 + 10 =$

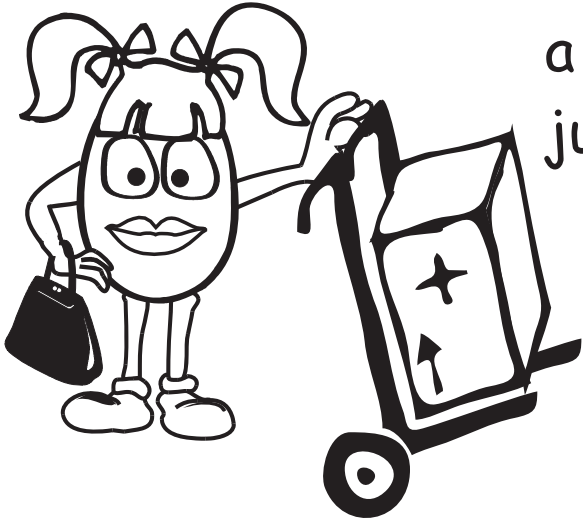
$55 + 10 =$

$65 + 10 =$

$75 + 10 =$

$85 + 10 =$

Alicia Addison has arrived with a big box of addition sums just for you.



$10 + 10 =$

$15 + 10 =$

$20 + 10 =$

$25 + 10 =$

$30 + 10 =$

$35 + 10 =$

$10 + 5 =$

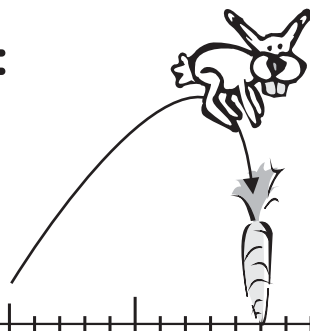
$15 + 5 =$

$20 + 5 =$

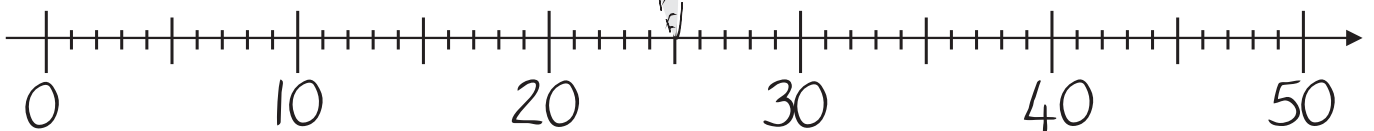
$25 + 5 =$

$30 + 5 =$

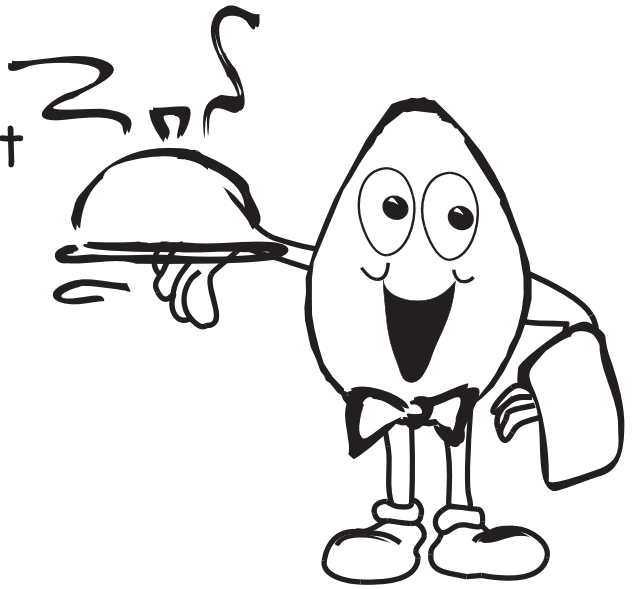
$35 + 5 =$



$15 + 10 = 25$



Dennis Difference likes to serve up a healthy diet of subtraction.



$$10 - 5 =$$

$$15 - 5 =$$

$$20 - 5 =$$

$$25 - 5 =$$

$$30 - 5 =$$

$$35 - 5 =$$

$$15 - 10 =$$

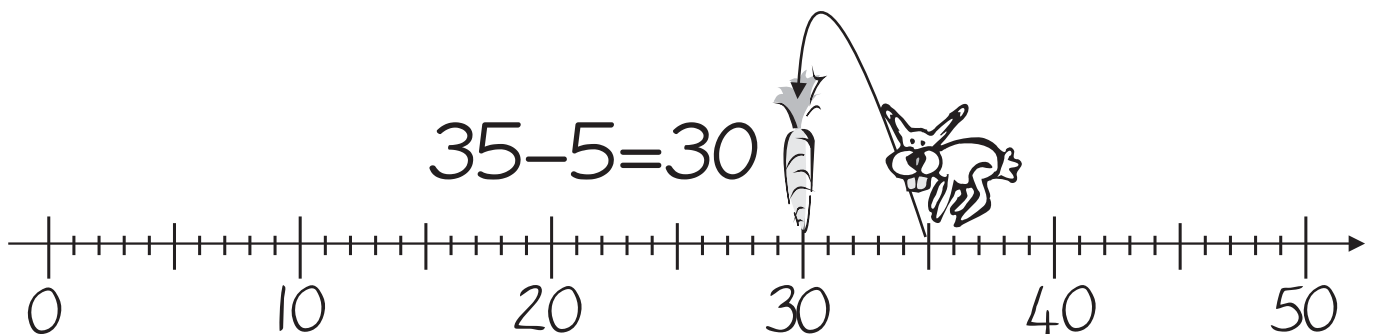
$$20 - 10 =$$

$$25 - 10 =$$

$$30 - 10 =$$

$$35 - 10 =$$

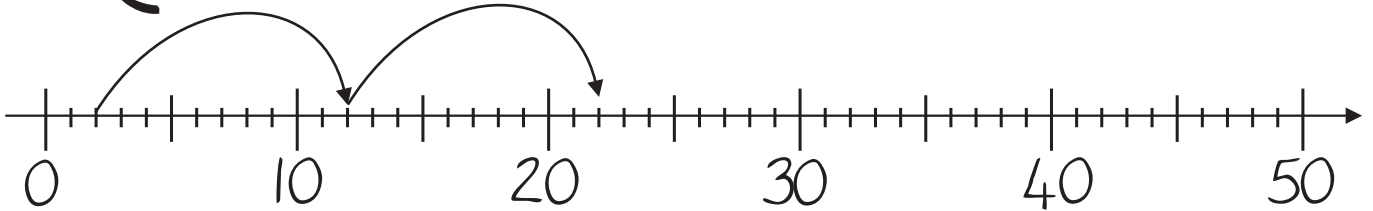
$$35 - 5 = 30$$



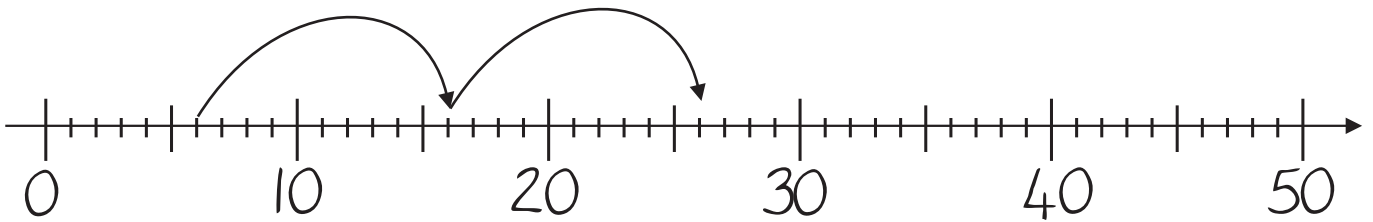


Dennis and Alicia warn you.  
These next two pages are hot!

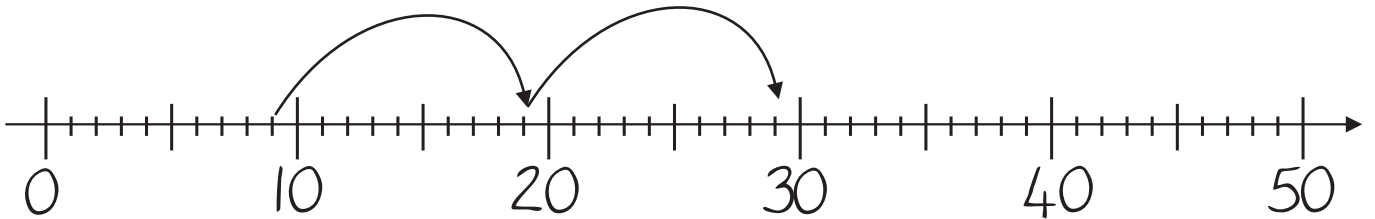
Continue the number sequences.



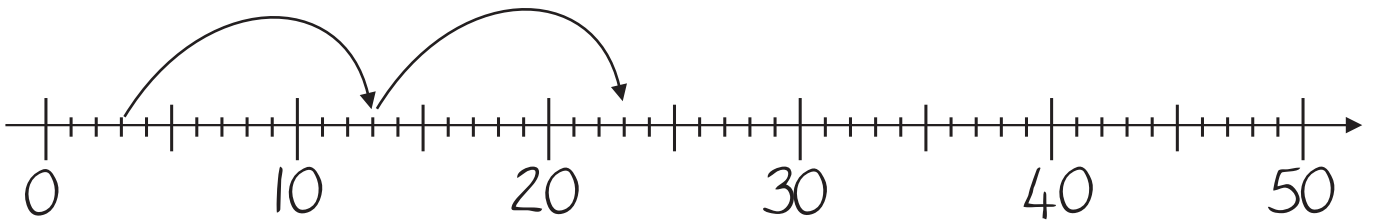
2 12 22



6 16 26



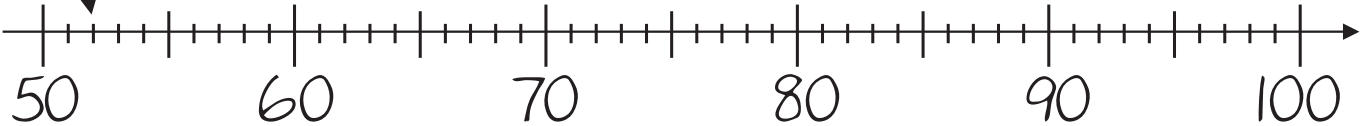
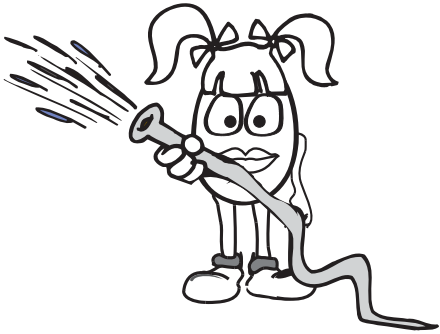
9 19



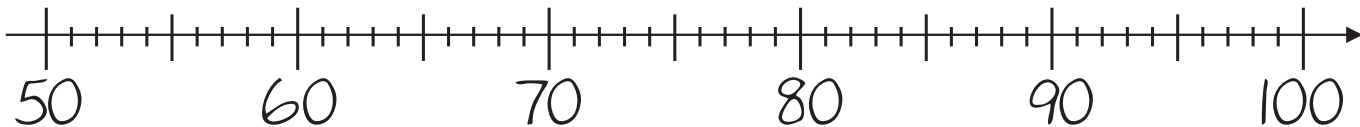
3 13



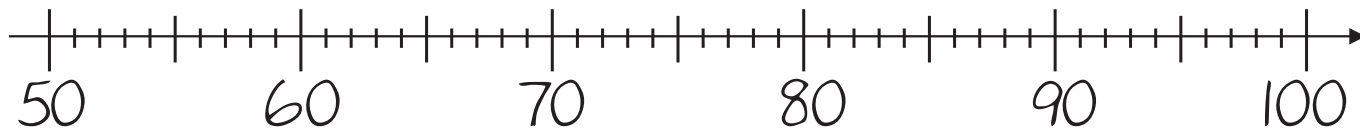
Carry on with the sequences across this page.



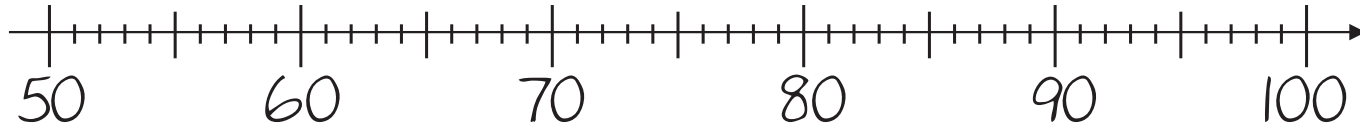
.....



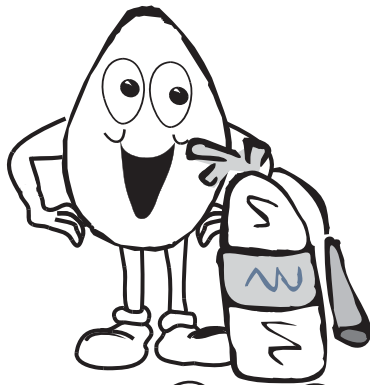
.....



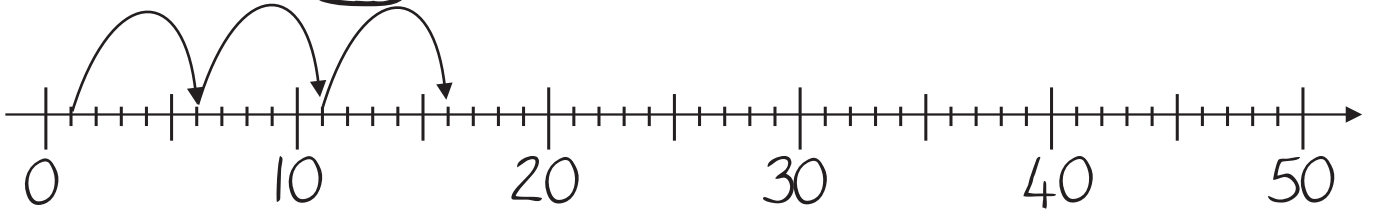
.....



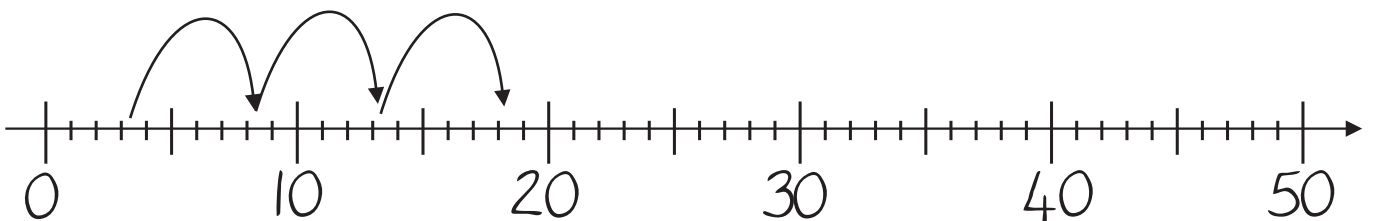
.....



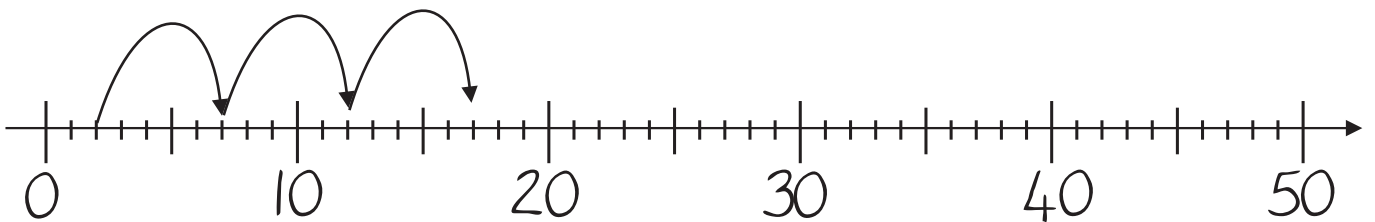
Dennis Difference stands by just in case you need help with some more hot number sequences.



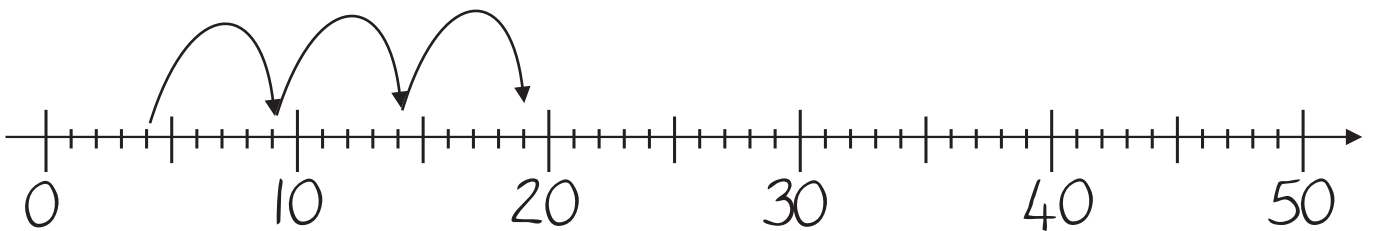
1 6 11



3 8 13 18

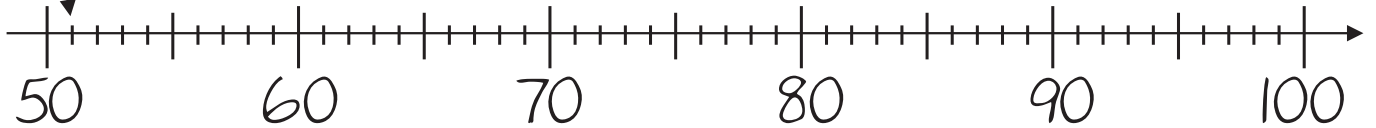
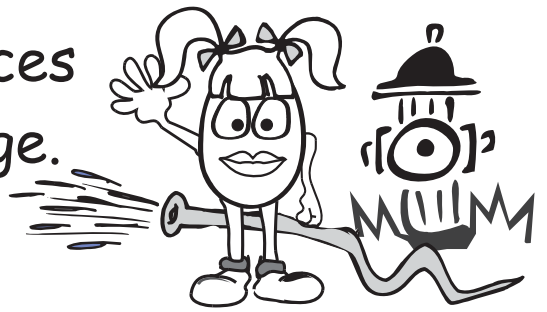


2 7

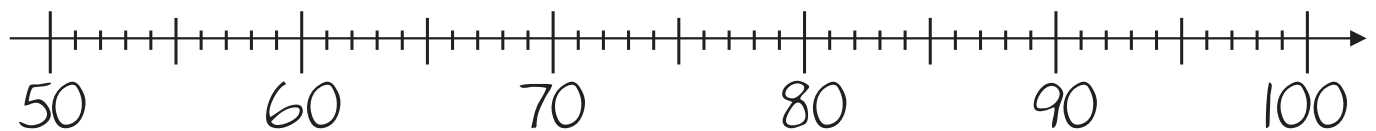


4 9

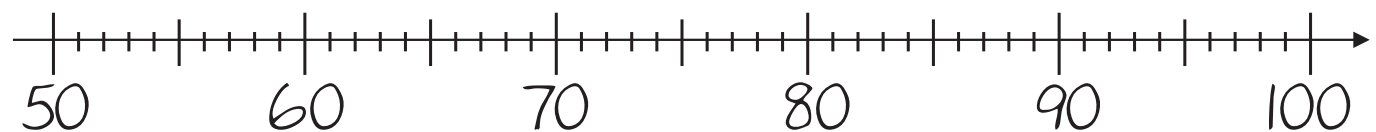
Continue the number sequences  
across from the opposite page.



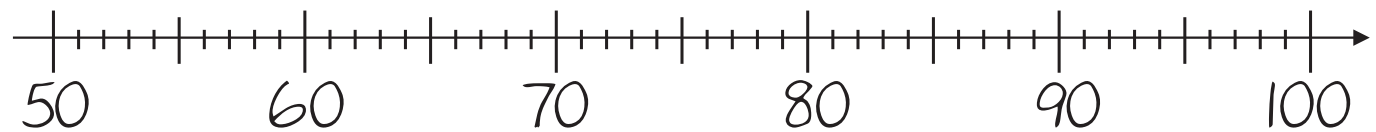
.....



.....

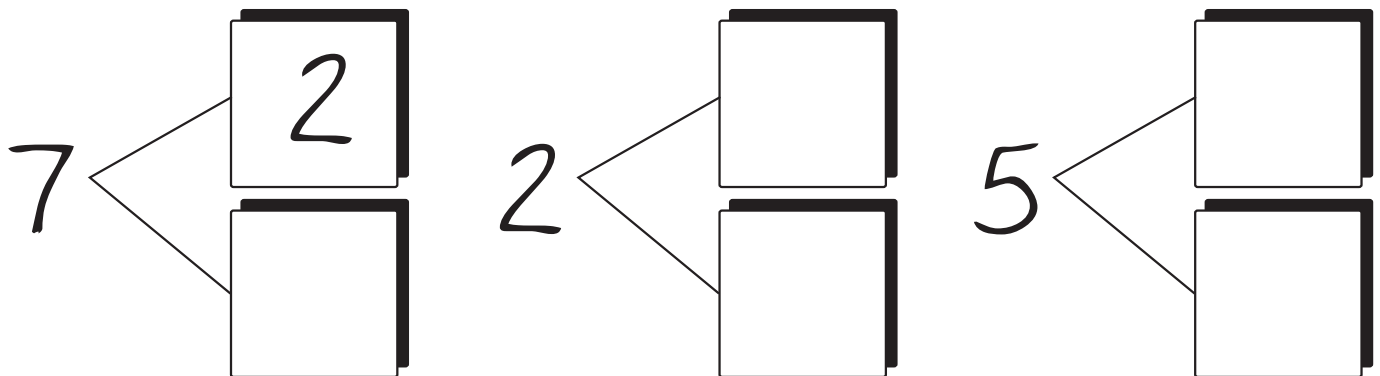


.....



.....

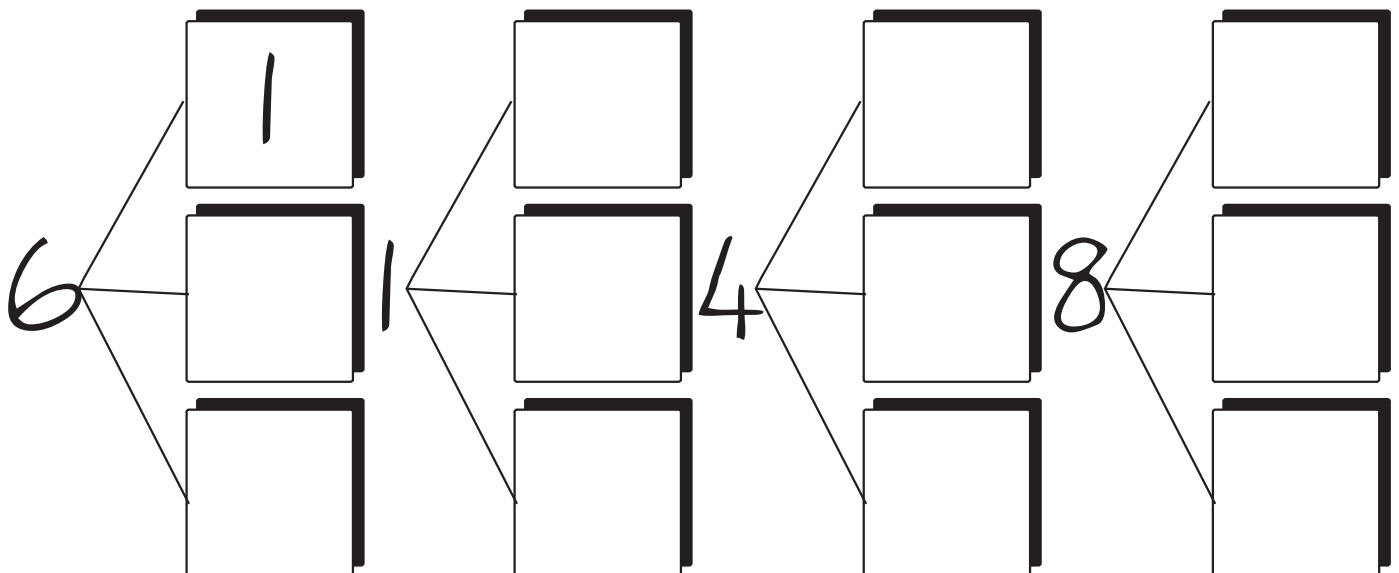
Make a 2 digit number using each of the digits from 7, 2 and 5 once.



Write all the numbers above in increasing order.

.....

Make a 2 digit number using each of the digits from 6, 1, 4 and 8 once.



Write all the numbers above in decreasing order.

86

.....

Show how many 2 digit numbers can be made if each of the digits is chosen from 1, 4, 6 and 9.

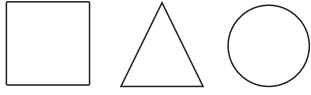
11 .....	 .....	 .....	 .....
14 .....	 .....	 .....	 .....
 .....	 .....	 .....	 .....
 .....	 .....	 .....	 .....

Write all the numbers above in decreasing order.

99 96  
.....  
.....  
.....

Draw a square around the odd numbers and a circle around the even numbers.

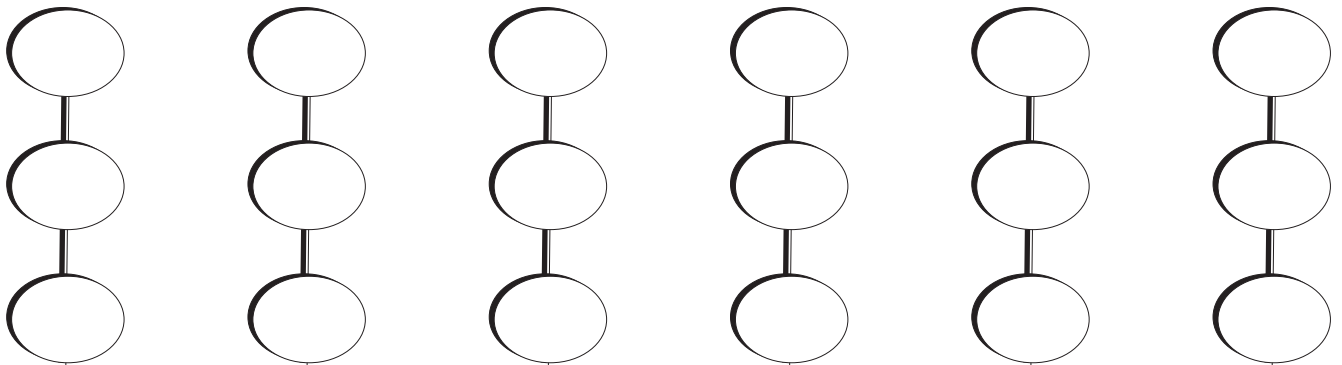
Rearrange the three shapes below to give all the positions.



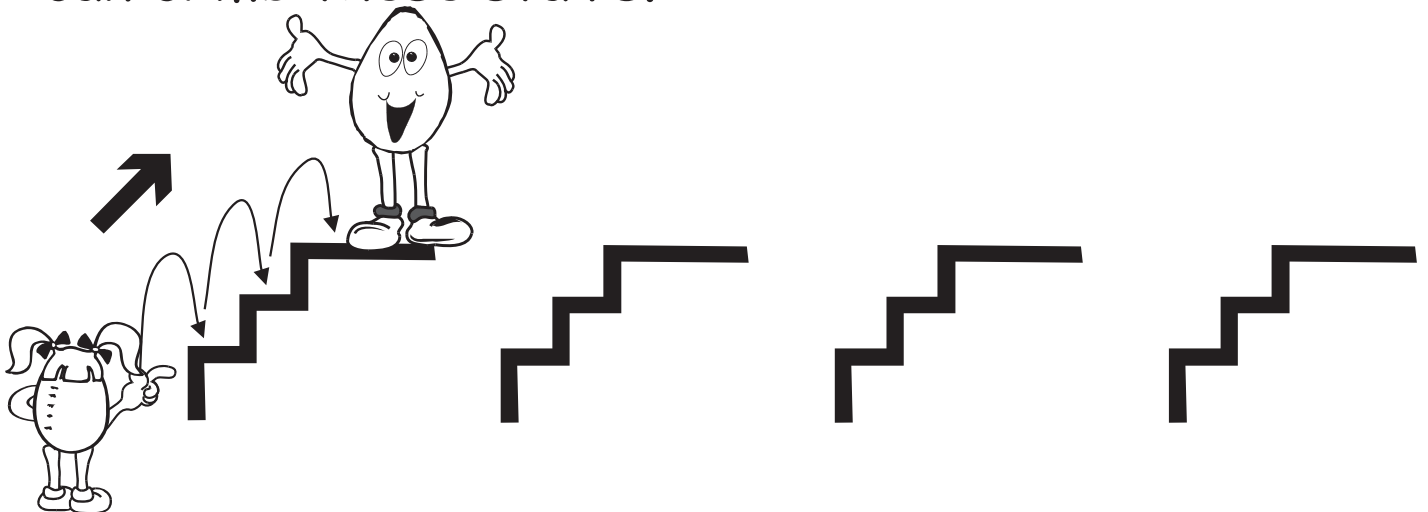
.....

.....

Color the beads - one red, one blue and one green. Each set of beads should be colored in a different combination.



Dennis climbs the stairs by jumping 1, 2 or 3 stairs at a time. Show the different ways that he can climb these stairs.



Find the value of the  and the .

$$25 - 5 = \square = \bigcirc + \bigcirc$$

$$30 + 10 = \square = \bigcirc + \bigcirc$$

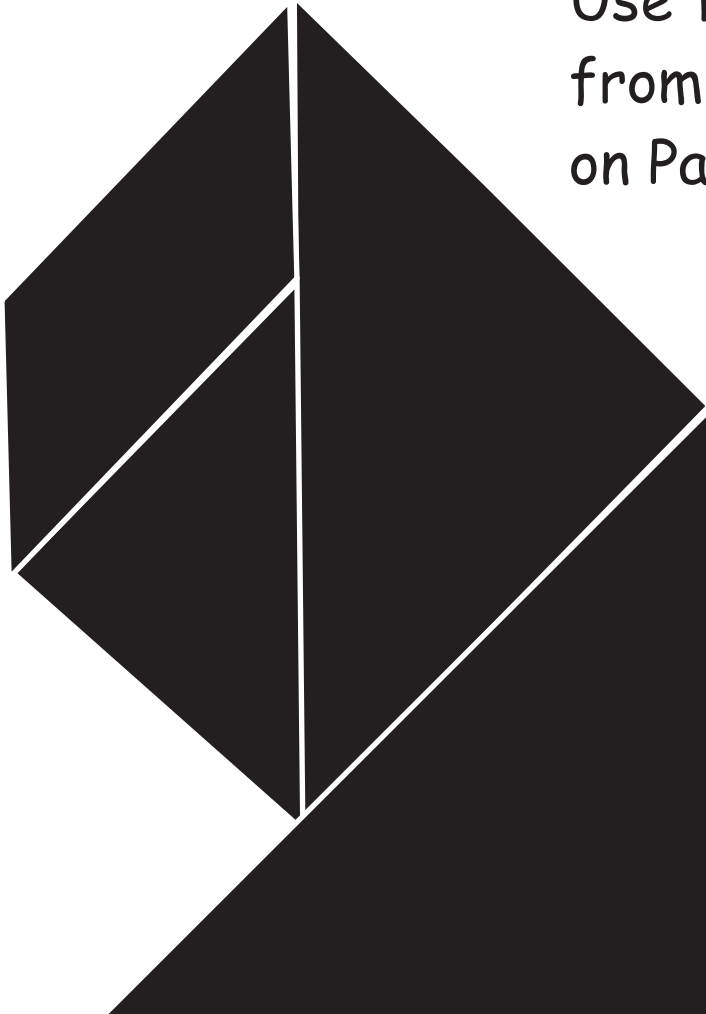
$$20 + 40 = \square = \bigcirc + \bigcirc$$

$$80 + 20 = \square = \bigcirc + \bigcirc$$

$$100 - 10 = \square = \bigcirc(30) + \bigcirc + \bigcirc$$

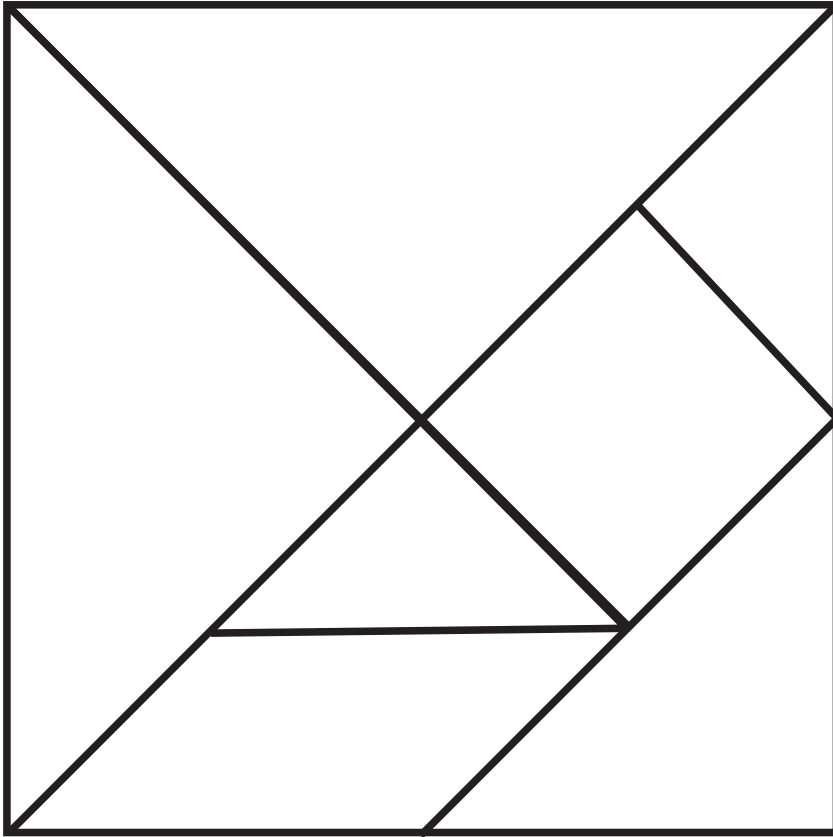


Use the shapes cut out from Terry Tangram on Page 47 to make a cat.

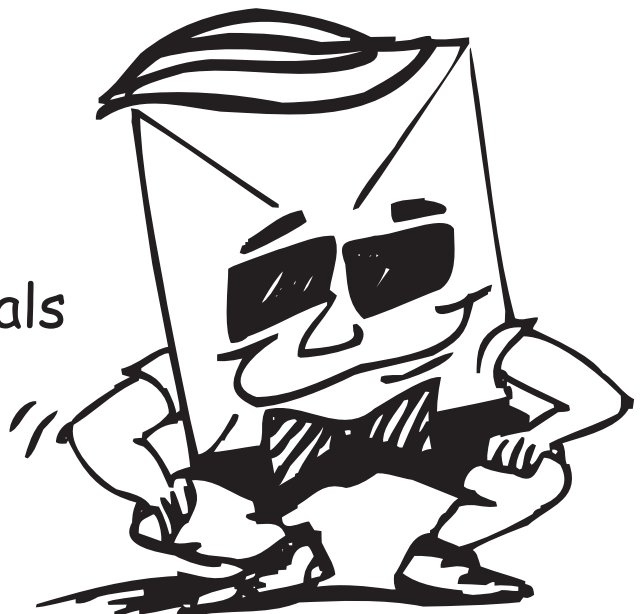




# TANGRAMS

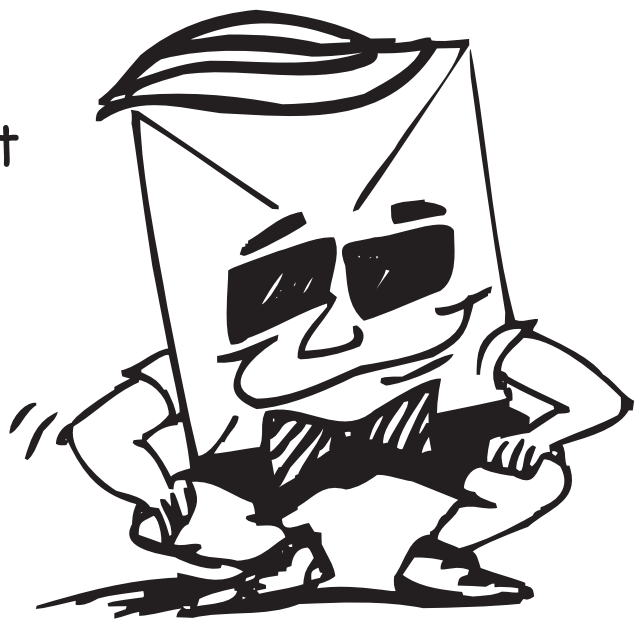


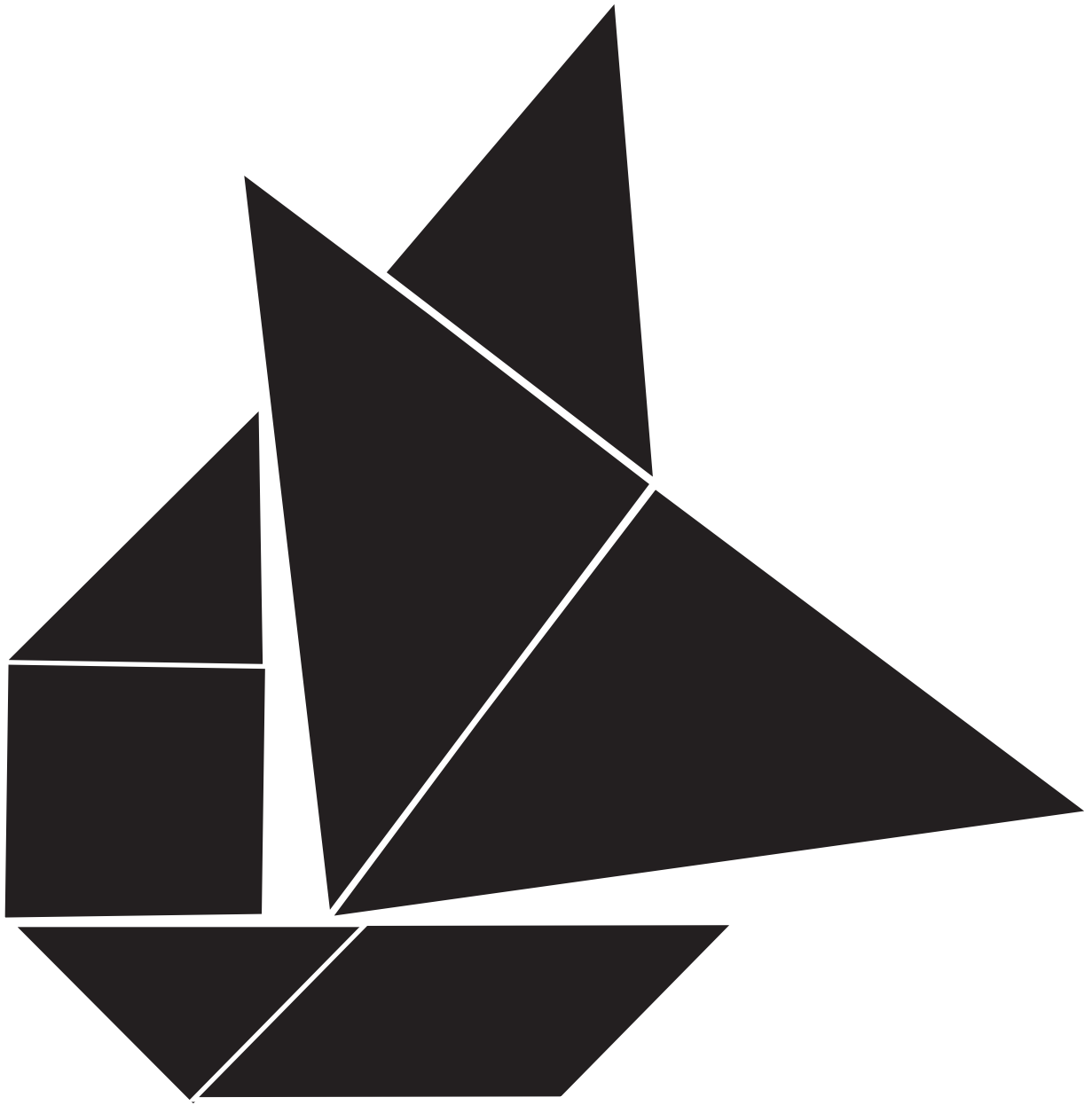
Terry the Tangram says draw the shape on some cardboard, cut out the triangles and quadrilaterals then use them to create all the tangram figures.



Terry has left this page blank in case you have cut out his tangram shape on the previous page.

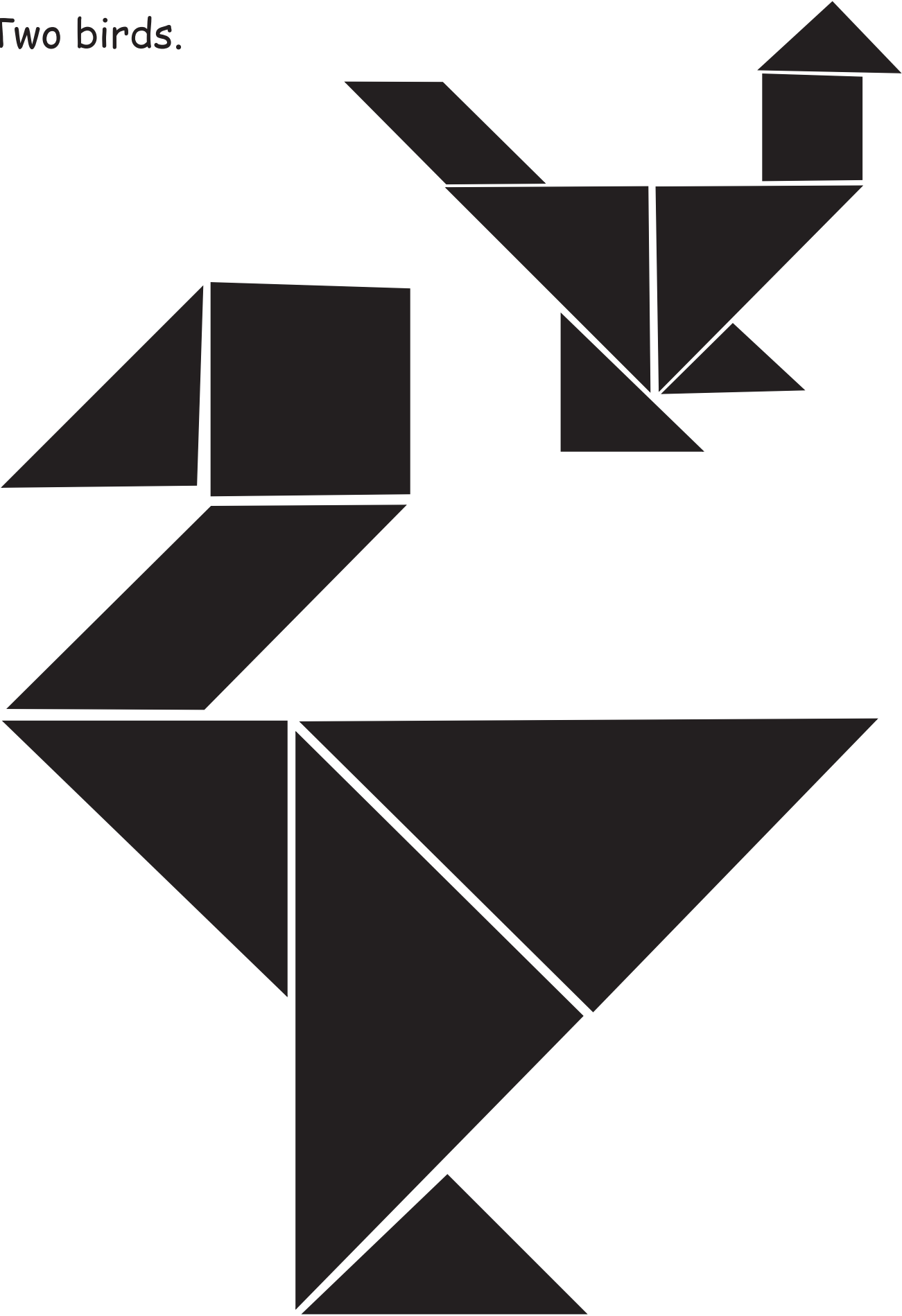
P.S. Have fun!

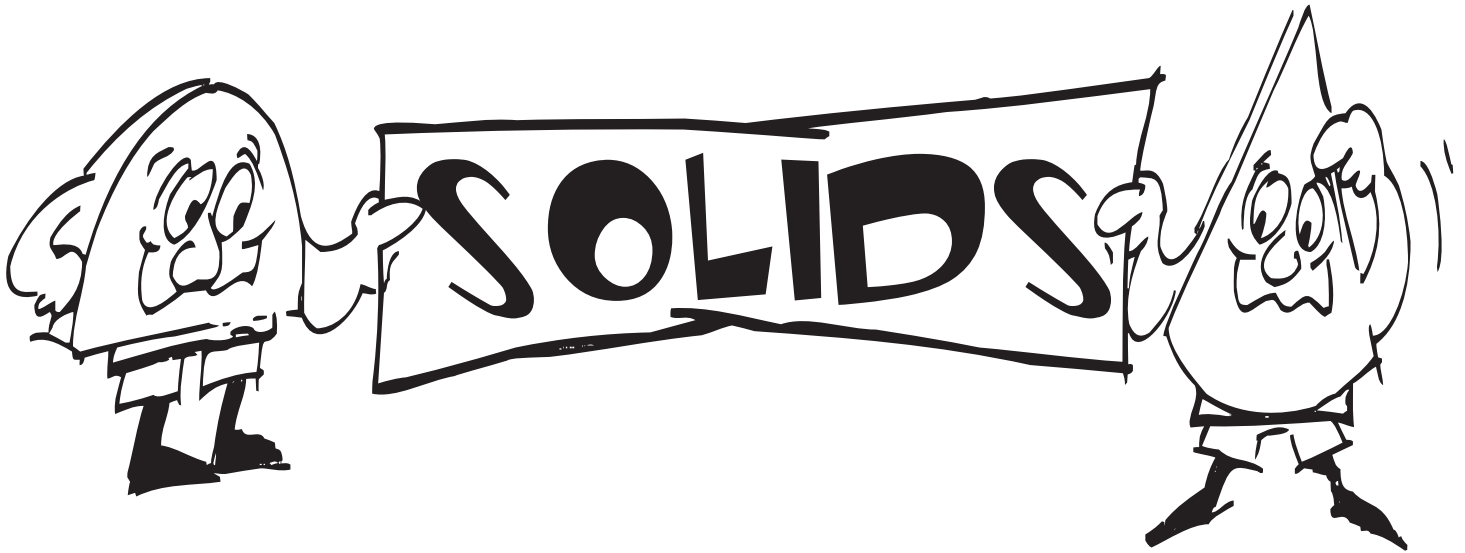




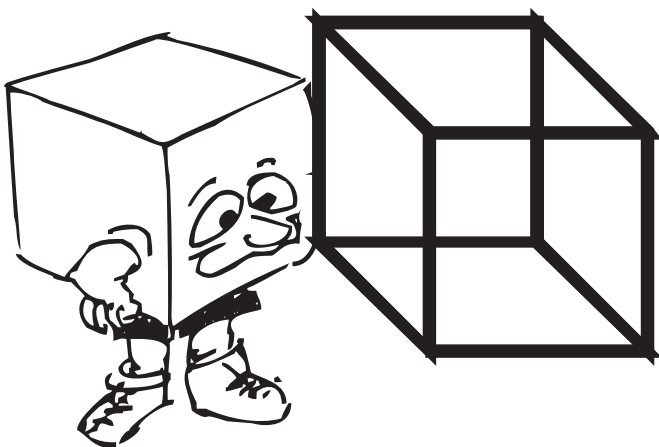
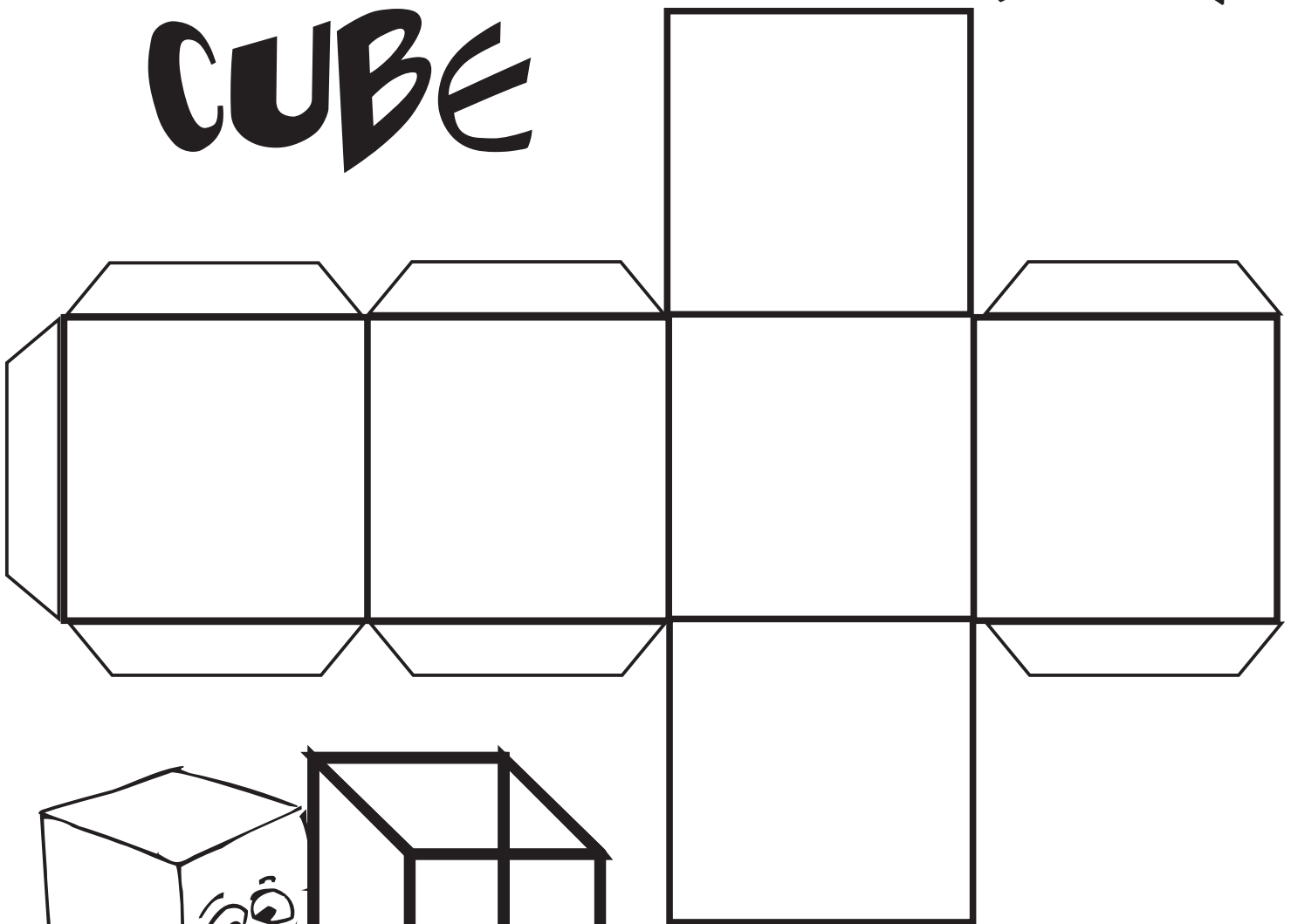
A yacht.

Two birds.



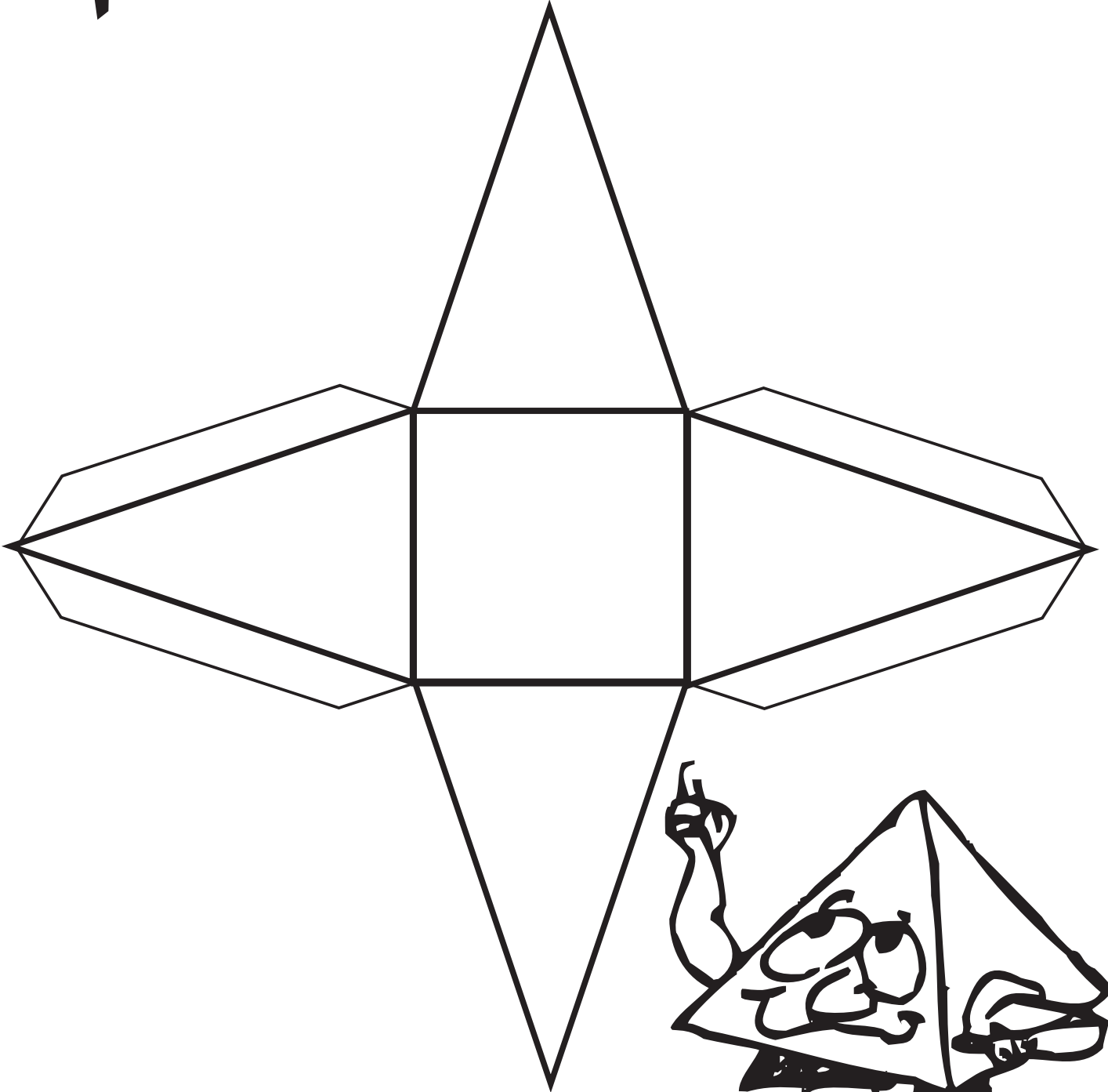


# CUBE

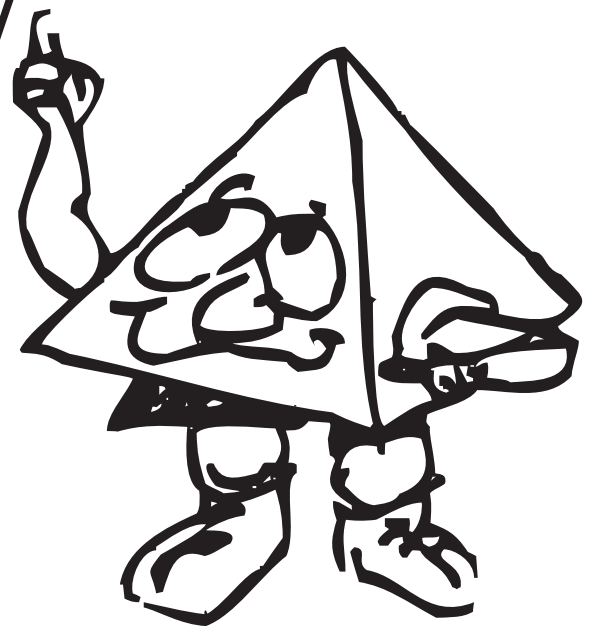


Draw up this shape on some cardboard and make a cube.

# PYRAMID



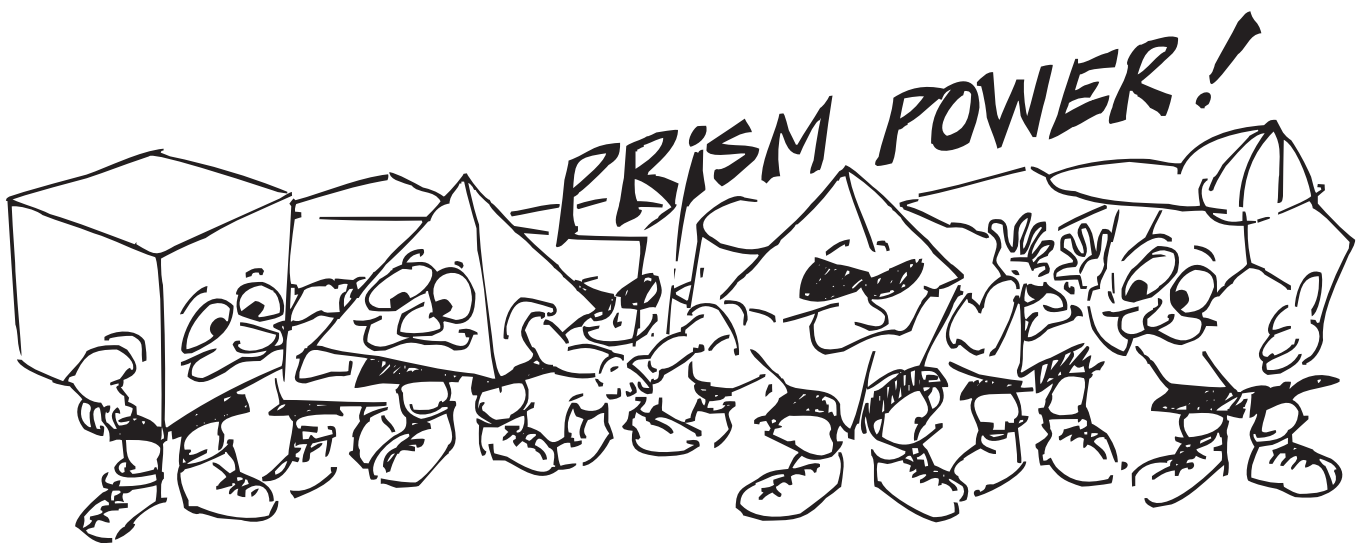
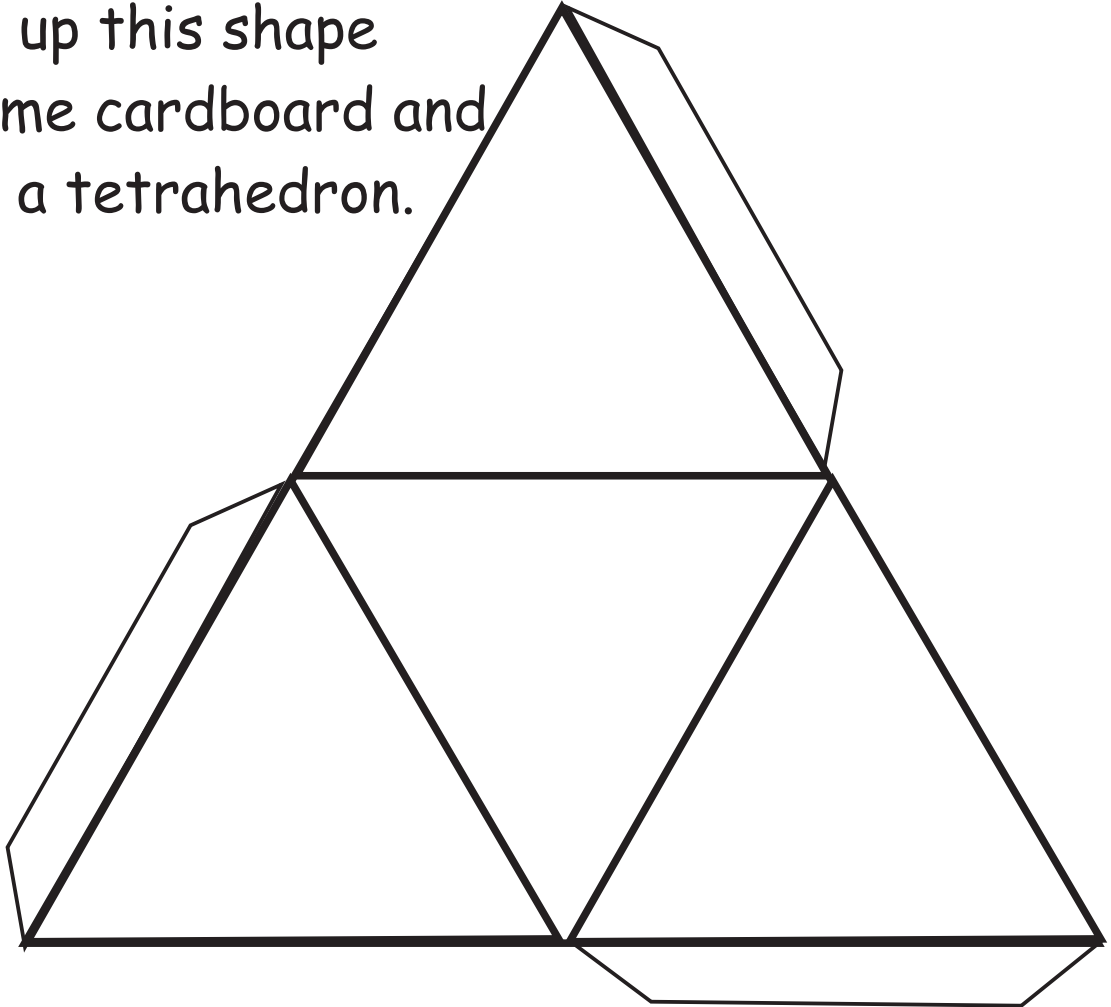
Draw up this shape on some cardboard and make your own Pete Pyramid.



Pete Pyramid

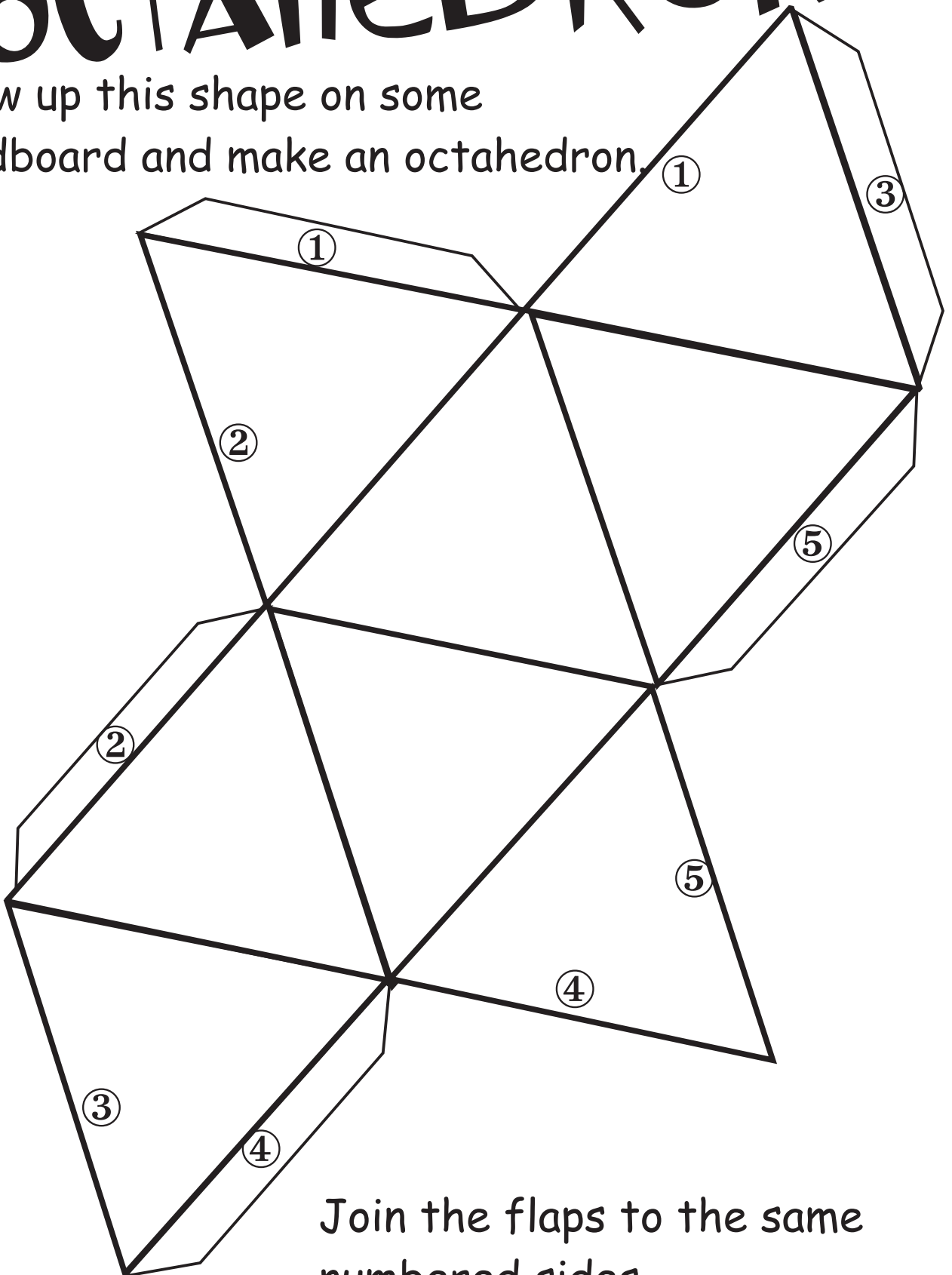
# TETRAHEDRON

Draw up this shape  
on some cardboard and  
make a tetrahedron.



# OCTAHEDRON

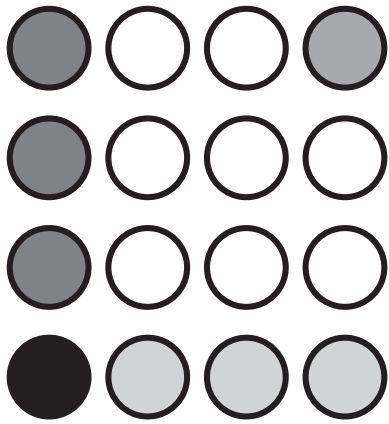
Draw up this shape on some cardboard and make an octahedron.



Join the flaps to the same numbered sides.










# The Answers






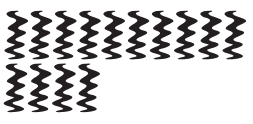

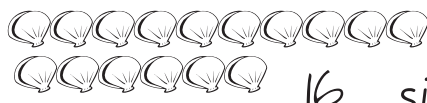
Color the left column blue.  
 Color the bottom row red.  
 Color the top right hand circle green.

5





Count the objects.

	Number	Word
	1	one
11	2	two
***	3	three
••••	4	four
	5	five
	6	six
	7	seven
	8	eight
	9	nine
	10	ten

6

	Number	Word
	11	eleven
	12	twelve
	13	thirteen
	14	fourteen
	15	fifteen
	16	sixteen

7


	Number	Word
	17	seventeen
	18	eighteen
	19	nineteen
	20	twenty


Complete the number series.


- 7 8 9 10 11 12 13 14 15 16
- 5 6 7 8 9 10 11 12 13 14
- 0 1 2 3 4 5 6 7 8 9
- 19 18 17 16 15 14 13 12 11 10


8


Match the pictures with the words.


One ● 


Two ● 


Three ● 


Four ● 


Five ● 


Six ● 


Seven ● 

Eight ● 

Nine ● 

Ten ● 

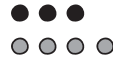
Eleven ● 

Twelve ● 

9

Draw more shapes then complete the sentences.

Draw 4 more circles. 7 is 4 more than 3.



$$3 + 4 = 7$$

Draw 5 more rectangles. 9 is 5 more than 4.



$$4 + 5 = 9$$

Draw 1 more rhombus. 8 is 1 more than 7.



$$7 + 1 = 8$$

Draw 3 more triangles. 11 is 3 more than 8.



$$8 + 3 = 11$$

10

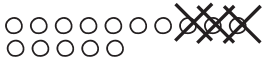
Complete the sentences.

Cross out 5 rectangles. 7 is 5 less than 12.



$$12 - 5 = 7$$

Cross out 3 circles. 12 is 3 less than 15.



$$15 - 3 = 12$$

Cross out 5 triangles. 5 is 5 less than 10.



$$10 - 5 = 5$$

Cross out 1 rhombus. 15 is 1 less than 16.



$$16 - 1 = 15$$

11

Circle the groups of 10 then write the number of objects in each group.



tens	leftovers
2	3

number of carrots =



tens	leftovers
2	5

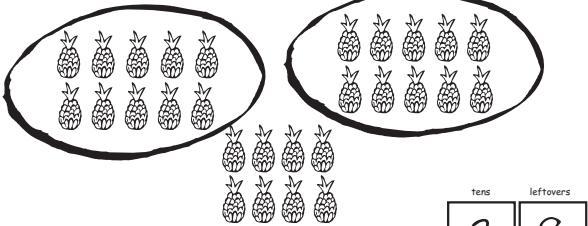
number of apples =



tens	leftovers
3	7

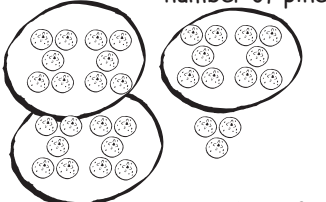
number of strawberries =

13



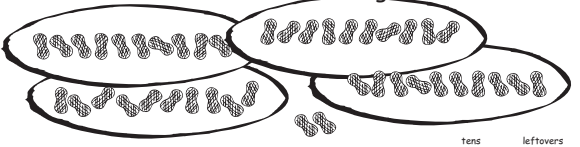
number of pineapples = 

2	8
---	---



number of oranges = 

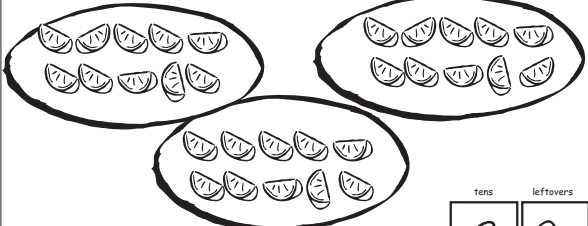
3	3
---	---



number of peanuts = 

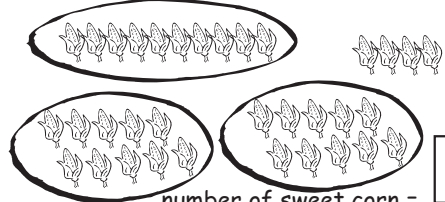
4	2
---	---

14



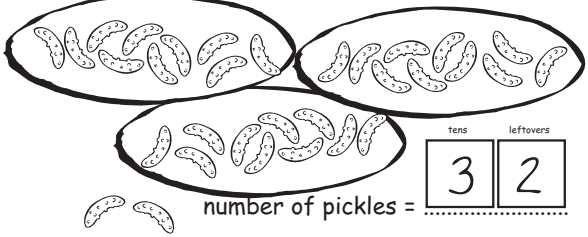
number of lemon slices = 

3	0
---	---



number of sweet corn = 

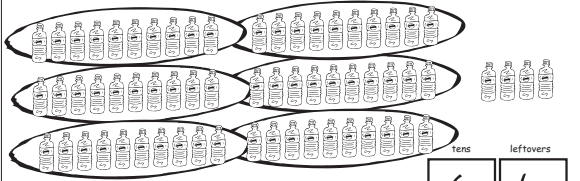
3	4
---	---



number of pickles = 

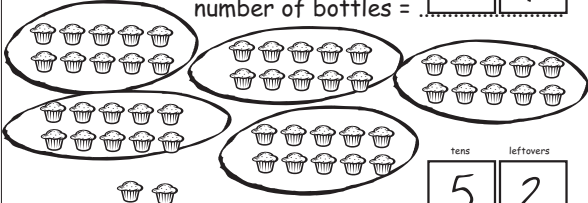
3	2
---	---

15



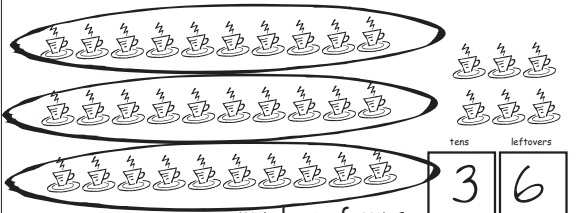
number of bottles = 

6	4
---	---



number of muffins = 

5	2
---	---



number of cups = 

3	6
---	---

16

Complete the table.

0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

17

zero 0.....  
 one 1.....  
 two 2.....  
 three 3.....  
 four 4.....  
 five 5.....  
 eleven 11.....  
 twelve 12.....  
 thirteen 13.....  
 fourteen 14.....  
 fifteen 15.....  
 sixteen 16.....  
 seventeen 17.....  
 eighteen 18.....  
 nineteen 19.....  
 twenty 20.....

Fill in the missing spaces.

six 6.....  
 seven 7.....  
 eight 8.....  
 nine 9.....  
 ten 10.....  
 ten 10.....  
 twenty 20.....  
 thirty 30.....  
 forty 40.....  
 fifty 50.....  
 sixty 60.....  
 seventy 70.....  
 eighty 80.....  
 ninety 90.....  
 one hundred 100.....

18

Complete these sentences.

28 is between 27 and 29.

27 28 29

45 is between 44 and 46.

44 45 46

32 is between 31 and 33.

31 32 33

91 is between 90 and 92.

90 91 92

59 is between 58 and 60.

58 59 60

19

Complete these sentences.

69 comes just after 68.

68 69 70

85 comes just after 84.

84 85 86

70 comes just before 71.

70 71 72

36 comes just before 37.

36 37 38

19 is just before 20 and just after 18.

18 19 20

20

Spell these number words.



20 + 7

twenty seven



30 + 9

thirty nine



40 + 8

forty eight

60 + 2

sixty two



50 + 5

fifty five



21

Spell these number words.

$70 + 0$   
 seventy



$70 + 4$   
 seventy four



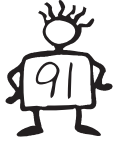
$80 + 3$   
 eighty three



$80 + 9$   
 eighty nine



$90 + 1$   
 ninety one



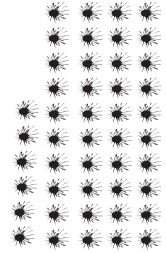
22

Count the number of items  
 then write the correct word.



39

thirty nine



46

forty six



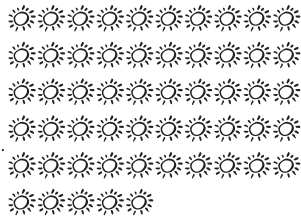
22

twenty two

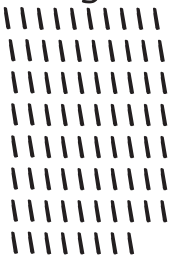
23

Count the number of items  
 then write the correct word.

55



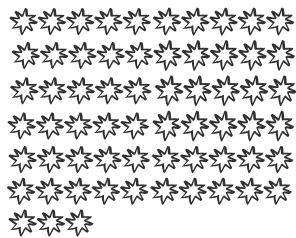
fifty five



78

seventy eight

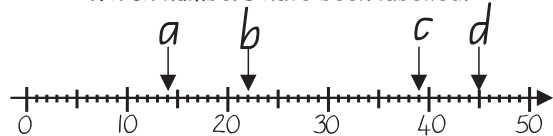
63



sixty three

24

Which numbers have been labelled?

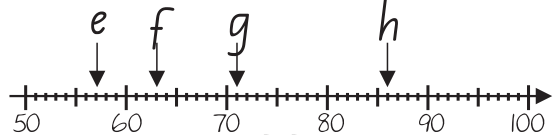


a = 14 fourteen

b = 22 twenty two

c = 39 thirty nine

d = 45 forty five



e = 57 fifty seven

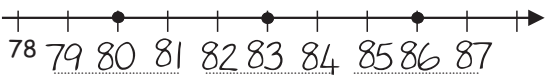
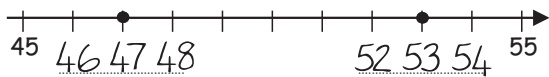
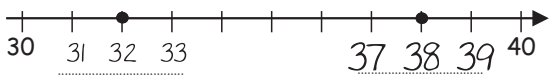
f = 63 sixty three

g = 71 seventy one

h = 86 eighty six

25

Write the number on the number line. Write the two numbers on either side of that number.



Circle the even numbers.

27      63      3      69  
 44      76      18      52

Write the numbers in order.

3 18 27 44 52 63 69 76

26

= 45

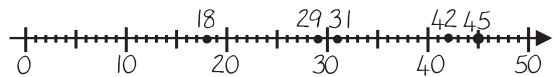
= 31

= 18

= 29

= 42

Show all the above numbers on the number line.



27

= 75

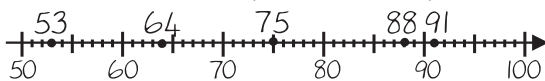
= 64

= 88

= 53

= 41

Show all the above numbers on the number line.



28

Write 2 different additions.  
 $30 + 2 = 32$

$2 + 30 = 32$

$40 + 4 = 44$

$4 + 40 = 44$

$50 + 3 = 53$

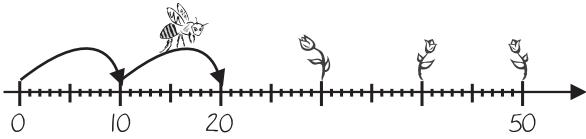
$3 + 50 = 53$

$60 + 1 = 61$

$1 + 60 = 61$

29

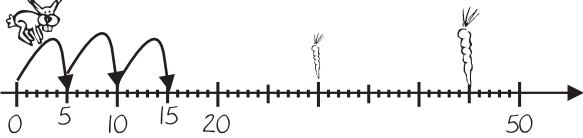
Buzz starts at zero and flies 10 units at a time.



Write all the numbers that Buzz lands on.

0 10 20 30 40 50  
60 70 80 90 100

Chopper starts at zero and jumps 5 units at a time.



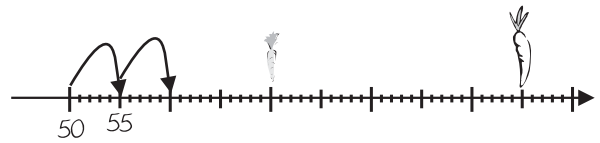
Write the numbers that Chopper lands on.

0 5 10 15 20 25 30 35 40 45 50 55  
60 65 70 75 80 85 90 95 100

30

Write all the numbers that have flowers on them.

30 40 50 70 90



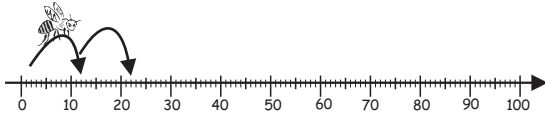
Write the numbers that have carrots on them.

30 45 70 95

31

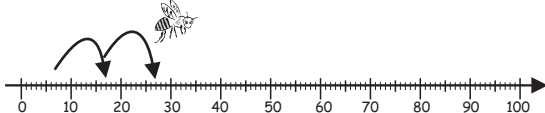
Write all the numbers that Buzz lands on.

Buzz starts at 2 and flies 10 units at a time.



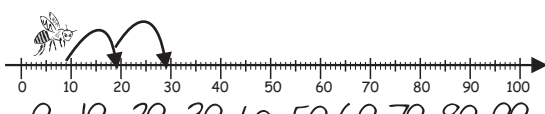
2 12 22 32 42 52 62 72 82 92

Buzz starts at seven and flies ten units at a time.



7 17 27 37 47 57 67 77 87 97

Buzz starts at 9 and flies 10 units at a time.



9 19 29 39 49 59 69 79 89 99

All this flying leaves  
Buzz a little exhausted.

32

Continue the patterns.

15 20 25 30 35 40 45 50

20 30 40 50 60 70 80 90 100



Complete these sums.

$5 + 5 = 10$

$30 + 5 = 35$

$10 + 5 = 15$

$35 + 5 = 40$

$15 + 5 = 20$

$40 + 5 = 45$

$20 + 5 = 25$

$45 + 5 = 50$

$25 + 5 = 30$

$50 + 5 = 55$

33

Complete these sums.

$50 + 5 = 55 \quad 75 + 5 = 80$

$55 + 5 = 60 \quad 80 + 5 = 85$

$60 + 5 = 65 \quad 85 + 5 = 90$

$65 + 5 = 70 \quad 90 + 5 = 95$

$70 + 5 = 75 \quad 95 + 5 = 100$

Complete the table.

		Number of flowers.							
		1	2	3	4	5	6	7	8
Number of petals.	5	10	15	20	25	30	35	40	

34

Dennis Difference and Alicia Addison are here to watch as you zip up this next set of sums.

$0 + 10 = 10$

$10 + 10 = 20$

$20 + 10 = 30$

$30 + 10 = 40$

$40 + 10 = 50$

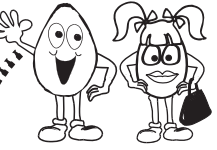
$50 + 10 = 60$

$60 + 10 = 70$

$70 + 10 = 80$

$80 + 10 = 90$

$90 + 10 = 100$



$5 + 10 = 15$

$15 + 10 = 25$

$25 + 10 = 35$

$35 + 10 = 45$

$45 + 10 = 55$

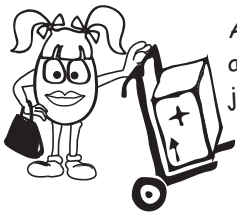
$55 + 10 = 65$

$65 + 10 = 75$

$75 + 10 = 85$

$85 + 10 = 95$

35



Alicia Addison has arrived with a big box of addition sums just for you.

$10 + 5 = 15$

$15 + 5 = 20$

$10 + 10 = 20$

$20 + 5 = 25$

$15 + 10 = 25$

$25 + 5 = 30$

$20 + 10 = 30$

$30 + 5 = 35$

$25 + 10 = 35$

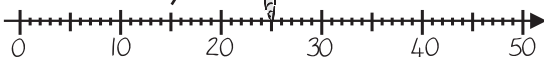
$35 + 5 = 40$

$30 + 10 = 40$

$35 + 10 = 45$

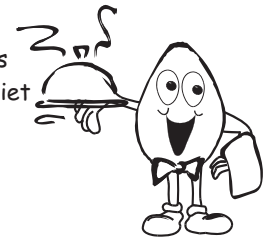


$15 + 10 = 25$



36

Dennis Difference likes to serve up a healthy diet of subtraction.



$10 - 5 = 5$

$15 - 5 = 10$

$20 - 5 = 15$

$25 - 5 = 20$

$30 - 5 = 25$

$35 - 5 = 30$

$15 - 10 = 5$

$20 - 10 = 10$

$25 - 10 = 15$

$30 - 10 = 20$

$35 - 10 = 25$

$35 - 5 = 30$



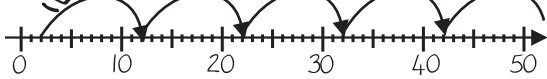
37



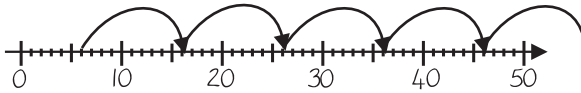


Dennis and Alicia warn you.  
These next two pages are hot!

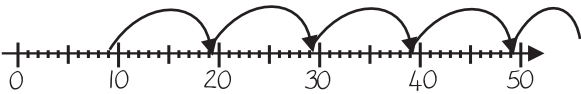
Continue the number sequences.



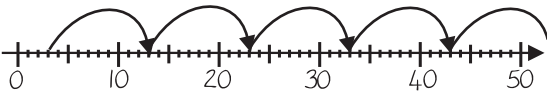
2 12 22 32 42



6 16 26 36 46



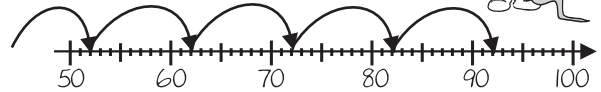
9 19 29 39 49



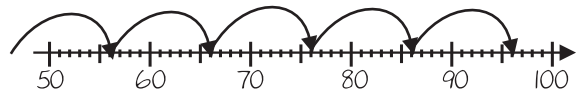
3 13 23 33 43

38

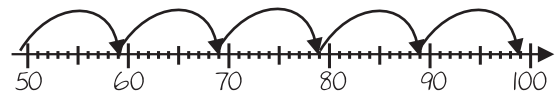
Carry on with the sequences  
across this page.



52 62 72 82 92



56 66 76 86 96

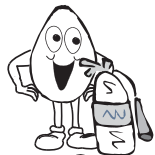


59 69 79 89 99



53 63 73 83 93

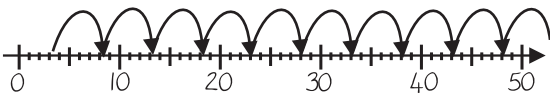
39



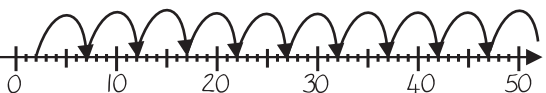
Dennis Difference stands by  
just in case you need help with  
some more hot number sequences.



1 6 11 16 21 26 31 36 41 46



3 8 13 18 23 28 33 38 43 48



2 7 12 17 22 27 32 37 42 47



4 9 14 19 24 29 34 39 44 49

40

Continue the number sequences  
across from the opposite page.



51 56 61 66 71 76 81 86 91 96



53 58 63 68 73 78 83 88 93 98



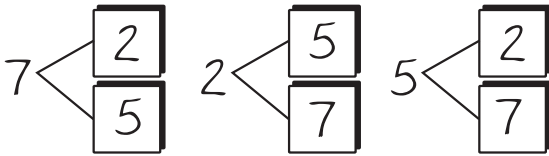
52 57 62 67 72 77 82 87 92 97



54 59 64 69 74 79 84 89 94 99

41

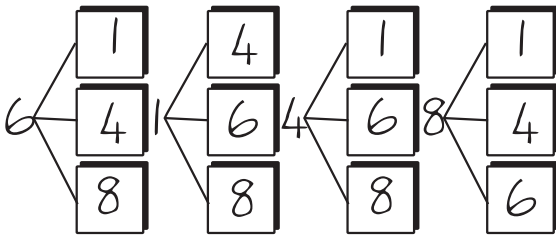
Make a 2 digit number using each of the digits from 7, 2 and 5 once.



Write all the numbers above in increasing order.

25 27 52 57 72 75

Make a 2 digit number using each of the digits from 6, 1, 4 and 8 once.



Write all the numbers above in decreasing order.

86 84 81 68 64 61  
48 46 41 18 16 14

42

Show how many 2 digit numbers can be made if each of the digits is chosen from 1, 4, 6 and 9.



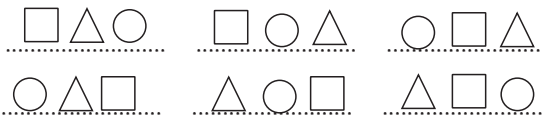
Write all the numbers above in decreasing order.

99 96 94 91 69 66 64  
61 49 46 44 41 19  
16 14 11

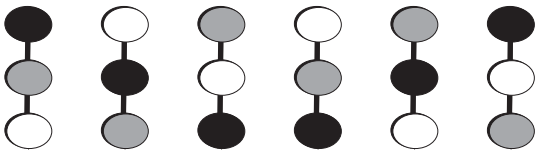
Draw a square around the odd numbers and a circle around the even numbers.

43

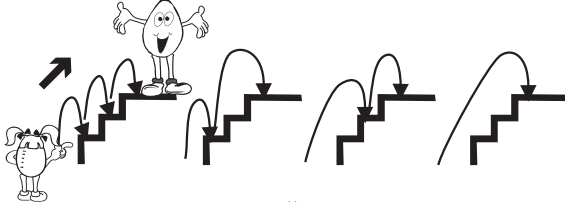
Rearrange the three shapes below to give all the positions.



Color the beads - one red, one blue and one green. Each set of beads should be colored in a different combination.



Dennis climbs the stairs by jumping 1, 2 or 3 stairs at a time. Show the different ways that he can climb these stairs.



44

Find the value of the  $\square$  and the  $\bigcirc$ .

$$25 - 5 = \square = \bigcirc + \bigcirc$$

$$30 + 10 = \square = \bigcirc + \bigcirc$$

$$20 + 40 = \square = \bigcirc + \bigcirc$$

$$80 + 20 = \square = \bigcirc + \bigcirc$$

$$100 - 10 = \square = \bigcirc + \bigcirc + \bigcirc$$

45

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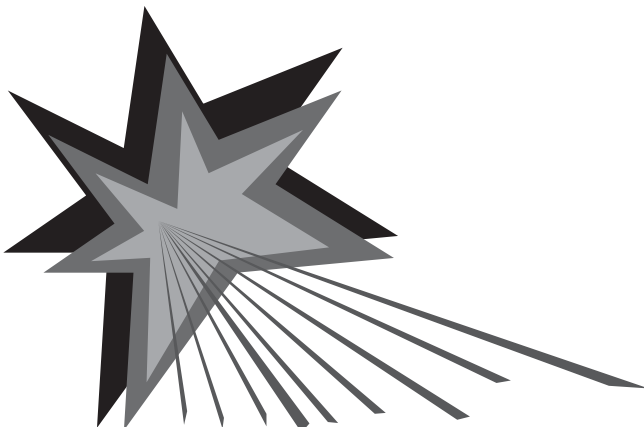
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for 5 - 7 year olds

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