

Mighty Math

for 6-7 year olds
Advancing Mathematician



LET'S LEARN

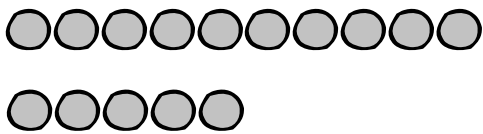
MATHEMATICS

Kim Freeman

Part 5, Lets Learn Harder Arithmetic

Addition.

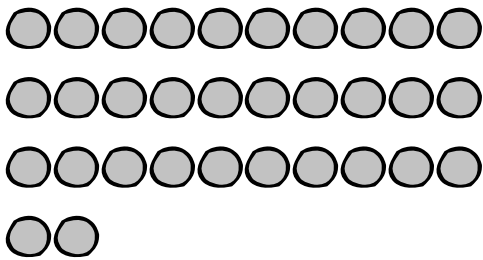
Draw more circles, then count and fill in the blank spaces.



Draw 1 more circle.

..... is 1 more than

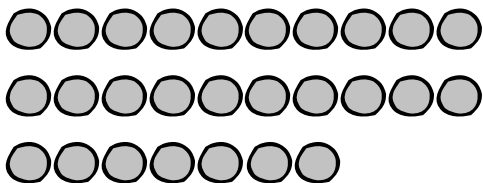
..... + =



Draw 3 more circles.

..... is 3 more than

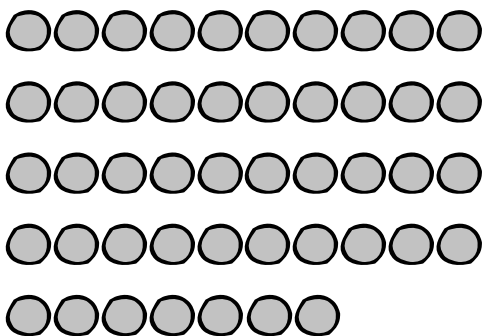
..... + =



Draw 5 more circles.

..... is 5 more than

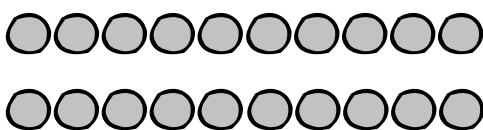
..... + =



Draw 4 more circles.

..... is 4 more than

..... + =



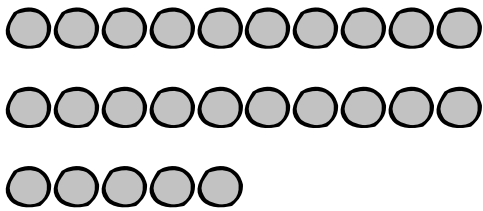
Draw 2 more circles.

..... is 2 more than

..... + =

Subtraction.

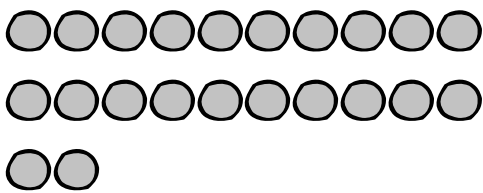
Cross out the correct number of circles then count and fill in the blank spaces.



Cross out 3 circles.

..... is 3 less than

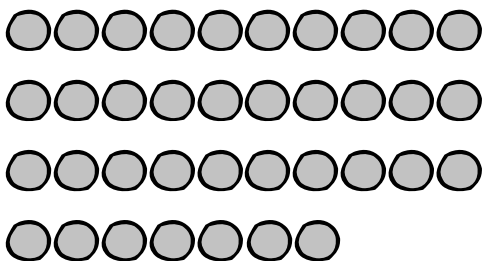
..... - =



Cross out 1 circle.

..... is 1 less than

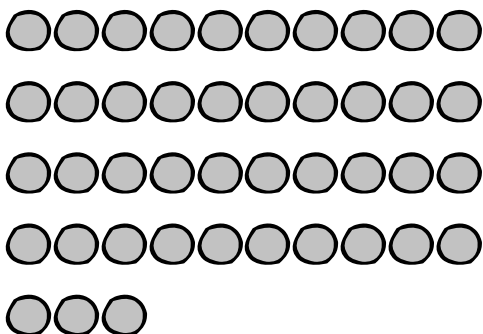
..... - =



Cross out 5 circles.

..... is 5 less than

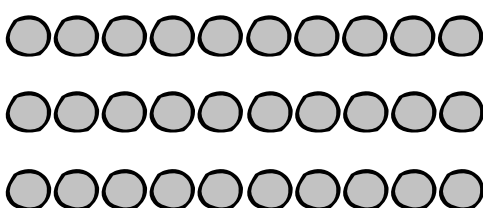
..... - =



Cross out 4 circles.

..... is 4 less than

..... - =



Cross out 2 circles.

..... is 2 less than

..... - =

Numbers 0 to 100.

Draw a line between the numbers that sum to equal 9 then complete the sums below.

5

6

7

8

9

1

0

2

3

4

$15+4=.....$

$25+4=.....$

$35+4=.....$

$45+4=.....$

$65+4=.....$

$26+3=.....$

$46+3=.....$

$66+3=.....$

$76+3=.....$

$96+3=.....$

$31+8=.....$

$51+8=.....$

$71+8=.....$

$81+8=.....$

$91+8=.....$

$10+9=.....$

$30+9=.....$

$40+9=.....$

$50+9=.....$

$60+9=.....$

$27+2=.....$

$37+2=.....$

$47+2=.....$

$67+2=.....$

$87+2=.....$

Numbers 0 to 100.

Draw a line between the numbers that sum to equal 7.

①

⑥

⑦

⑤

②

③

④

⑦

Complete the sums.

$$13+4=\dots\dots$$

$$23+4=\dots\dots$$

$$43+4=\dots\dots$$

$$53+4=\dots\dots$$

$$73+4=\dots\dots$$

$$22+5=\dots\dots$$

$$32+5=\dots\dots$$

$$52+5=\dots\dots$$

$$72+5=\dots\dots$$

$$82+5=\dots\dots$$

$$10+7=\dots\dots$$

$$20+7=\dots\dots$$

$$60+7=\dots\dots$$

$$70+7=\dots\dots$$

$$90+7=\dots\dots$$

$$16+1=\dots\dots$$

$$46+1=\dots\dots$$

$$56+1=\dots\dots$$

$$76+1=\dots\dots$$

$$86+1=\dots\dots$$

Numbers 0 to 100.

Draw a line between the numbers that sum to equal 8.



Complete the sums below.

$$16 + 2 = \dots\dots\dots$$

$$24 + 4 = \dots\dots\dots$$

$$36 + 2 = \dots\dots\dots$$

$$44 + 4 = \dots\dots\dots$$

$$46 + 2 = \dots\dots\dots$$

$$54 + 4 = \dots\dots\dots$$

$$66 + 2 = \dots\dots\dots$$

$$74 + 4 = \dots\dots\dots$$

$$96 + 2 = \dots\dots\dots$$

$$84 + 4 = \dots\dots\dots$$

$$18 - 3 = \dots\dots\dots$$

$$8 - 5 = \dots\dots\dots$$

$$28 - 3 = \dots\dots\dots$$

$$28 - 5 = \dots\dots\dots$$

$$38 - 3 = \dots\dots\dots$$

$$68 - 5 = \dots\dots\dots$$

$$58 - 3 = \dots\dots\dots$$

$$78 - 5 = \dots\dots\dots$$

Numbers 0 to 100.

Complete the sums below.

$$6+8=14$$
$$16+8=24$$

$$5+8=13$$
$$15+8=23$$

$$8+8=16$$
$$18+8=26$$

$26+8=$ $25+8=$ $28+8=$

$36+8=$ $35+8=$ $38+8=$

$46+8=$ $45+8=$ $48+8=$

$76+8=$ $85+8=$ $68+8=$

$96+8=$ $95+8=$ $78+8=$

$$2+8=$$
.....
$$12+8=$$
.....

$$4+8=$$
.....
$$14+8=$$
.....

$$7+8=$$
.....
$$17+8=$$
.....

$22+8=$ $34+8=$ $47+8=$

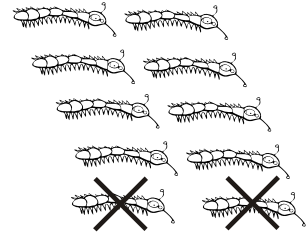
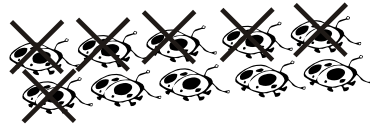
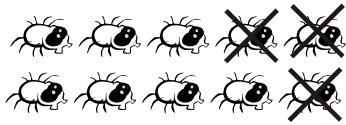
$32+8=$ $44+8=$ $57+8=$

$42+8=$ $54+8=$ $67+8=$

$92+8=$ $84+8=$ $77+8=$

Numbers 0 to 100.

Complete the sums below.



$$10 - 3 = \dots 7$$

$$10 - 6 = \dots \dots \dots$$

$$10 - 2 = \dots \dots \dots$$

$$20 - 3 = \dots \dots \dots$$

$$20 - 6 = \dots \dots \dots$$

$$20 - 2 = \dots \dots \dots$$

$$30 - 3 = \dots \dots \dots$$

$$30 - 6 = \dots \dots \dots$$

$$40 - 2 = \dots \dots \dots$$

$$40 - 3 = \dots \dots \dots$$

$$50 - 6 = \dots \dots \dots$$

$$60 - 2 = \dots \dots \dots$$

$$50 - 3 = \dots \dots \dots$$

$$70 - 6 = \dots \dots \dots$$

$$70 - 2 = \dots \dots \dots$$

$$60 - 3 = \dots \dots \dots$$

$$90 - 6 = \dots \dots \dots$$

$$80 - 2 = \dots \dots \dots$$

Fill in the missing numbers.

$$\square \xleftarrow{-2} 50 \xrightarrow{+2} \square$$

$$\square \xleftarrow{-5} 70 \xrightarrow{+5} \square$$

$$\square \xleftarrow{-6} 80 \xrightarrow{+6} \square$$

$$\square \xleftarrow{-9} 30 \xrightarrow{+9} \square$$

$$\square \xleftarrow{-4} 20 \xrightarrow{+4} \square$$

$$\square \xleftarrow{-3} 90 \xrightarrow{+3} \square$$

$$\square \xleftarrow{-8} 60 \xrightarrow{+8} \square$$

$$\square \xleftarrow{-7} 40 \xrightarrow{+7} \square$$

Numbers 0 to 100.

Complete the addition and subtraction sums below.

Add 5



$7+5=.....$

$17+5=.....$

$27+5=.....$

$37+5=.....$

$47+5=.....$

Add 3



$8+3=.....$

$18+3=.....$

$28+3=.....$

$38+3=.....$

$48+3=.....$

Add 8



$4+8=.....$

$14+8=.....$

$24+8=.....$

$34+8=.....$

$44+8=.....$

Subtract 2



$5-2=.....$

$15-2=.....$

$25-2=.....$

$35-2=.....$

$45-2=.....$

$55-2=.....$

Subtract 6



$9-6=.....$

$19-6=.....$

$29-6=.....$

$39-6=.....$

$49-6=.....$

$59-6=.....$

Subtract 4



$6-4=.....$

$16-4=.....$

$26-4=.....$

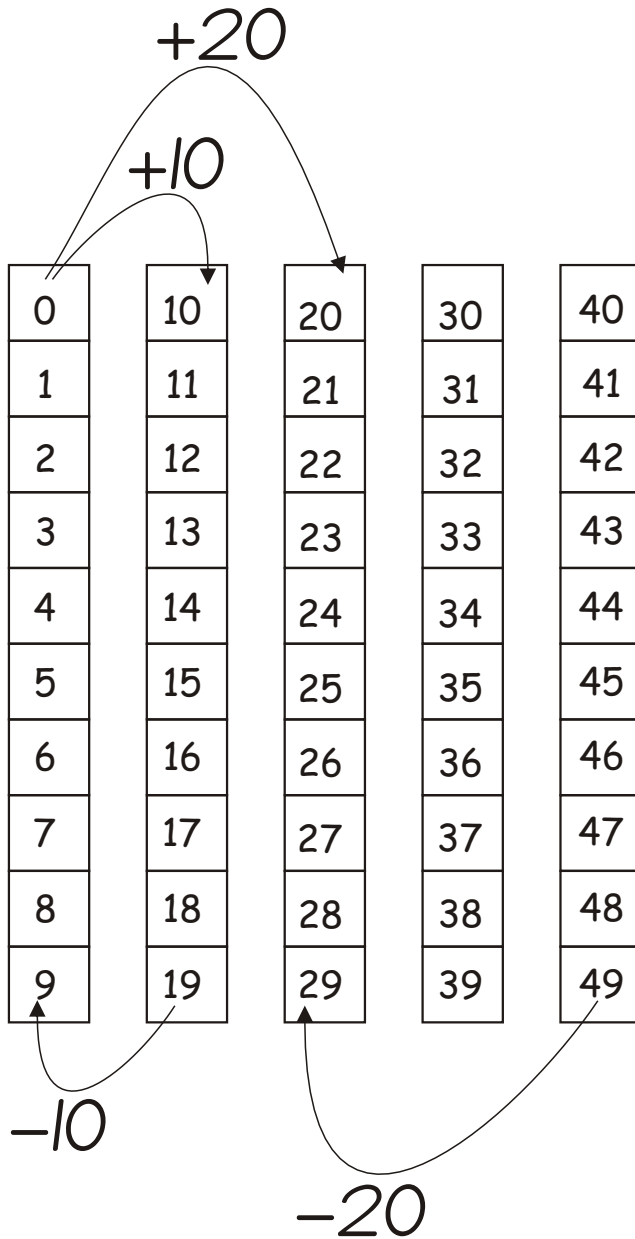
$36-4=.....$

$46-4=.....$

$56-4=.....$

Numbers 0 to 100.

Use the number diagram to answer the sums below.



$5+10=.....$

$7+10=.....$

$13+10=.....$

$16+10=.....$

$25+10=.....$

$20+20=.....$

$22+20=.....$

$24+20=.....$

$28+20=.....$

$15-10=.....$

$28-10=.....$

$33-10=.....$

$47-10=.....$

$45-20=.....$

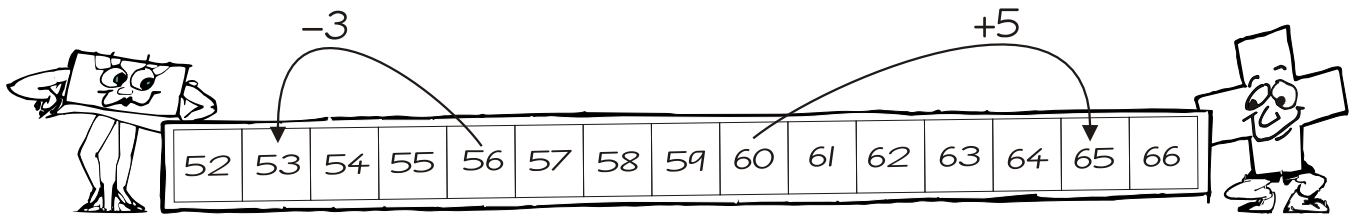
$36-20=.....$

$31-20=.....$

$24-20=.....$

Numbers 0 to 100.

Use the number line to answer the addition and subtraction sums.



$52+3=.....$

$57-2=.....$

$53+2=.....$

$60-3=.....$

$55+4=.....$

$59-4=.....$

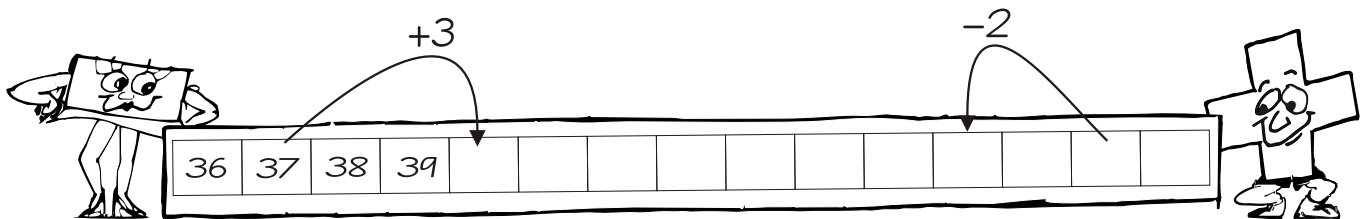
$58+5=.....$

$56-1=.....$

$61+4=.....$

$64-5=.....$

Complete the number line then answer the addition and subtraction sums.



$38+4=.....$

$36+5=.....$

$50-4=.....$

$40+5=.....$

$39+4=.....$

$47-2=.....$

$42+3=.....$

$45-4=.....$

$43-3=.....$

$48+2=.....$

$47-3=.....$

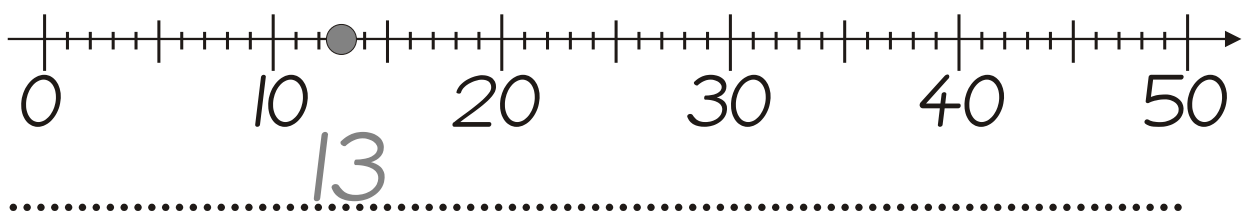
$41-5=.....$

Numbers 0 to 100.

Match the numbers with the correct addition sum.

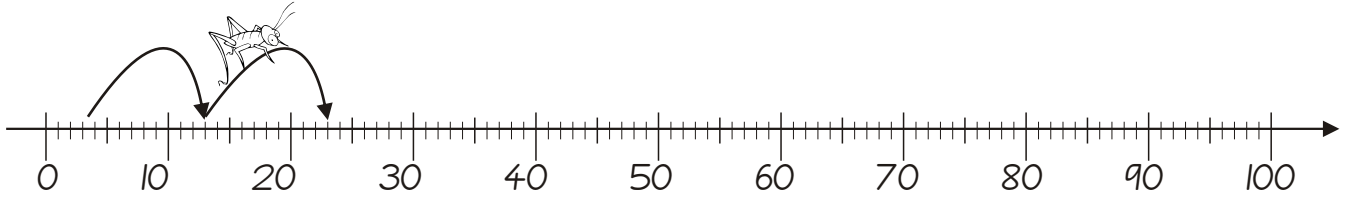
| | | |
|----|---|-------------------|
| 13 | • | $1+1+1+1$ |
| 37 | • | $10+1+1+1$ |
| 4 | • | $10+10+1+1$ |
| 8 | • | $10+10+10+10$ |
| 40 | • | $10+10+10+7$ |
| 22 | • | $5+1+1+1$ |
| 11 | • | $10+10+5+1+1+1+1$ |
| 29 | • | $5+5+1$ |

Mark all the numbers above on the number line.



Numbers 0 to 100.

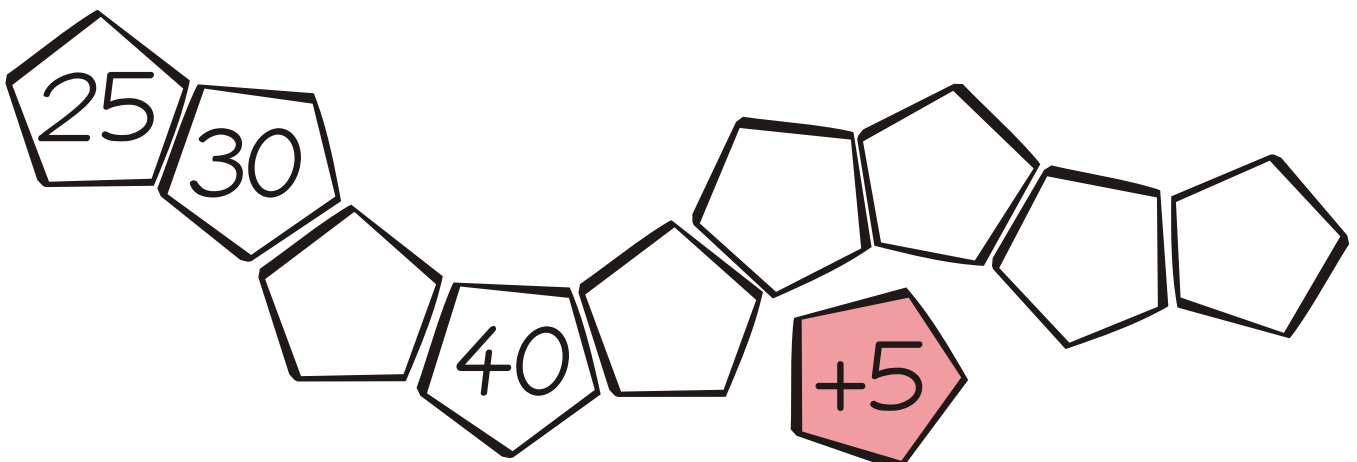
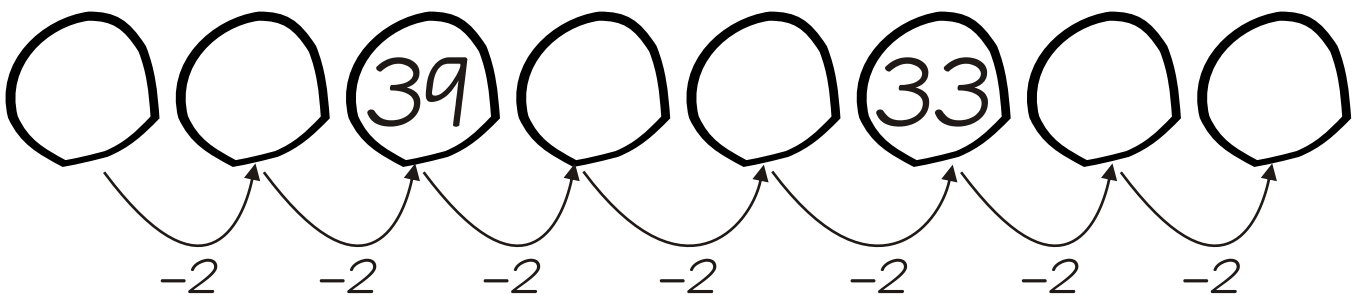
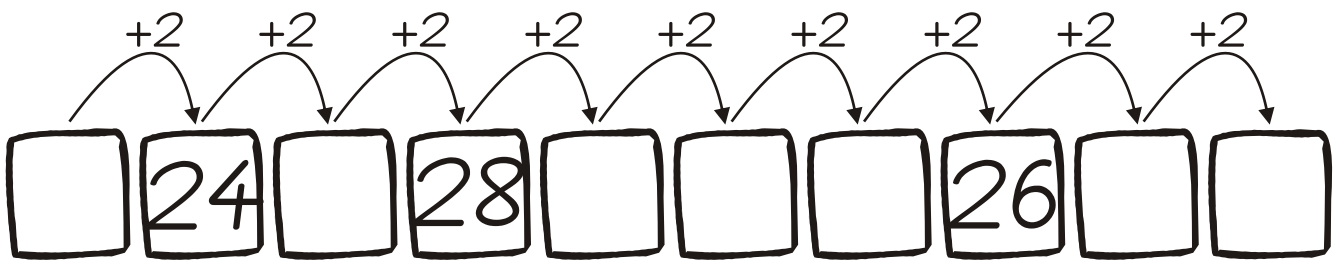
The cricket starts at 3 and jumps 10 units at a time.
Write all the numbers that the cricket lands on.



3 13

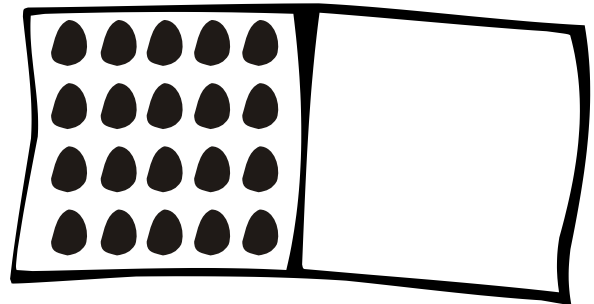
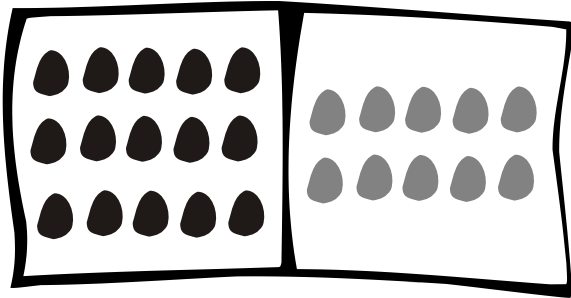
Complete each sequence by filling in the missing numbers.

..... 47 57 67



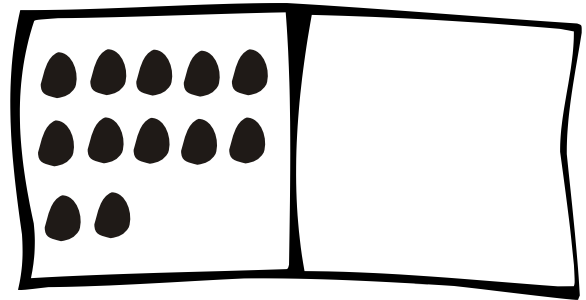
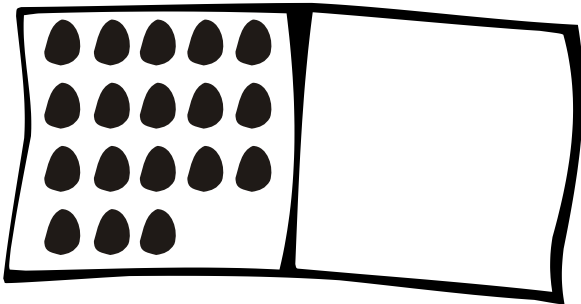
Addition Combinations.

Draw more to make 25, then write the addition statement.



..... $15 + 10 = 25$

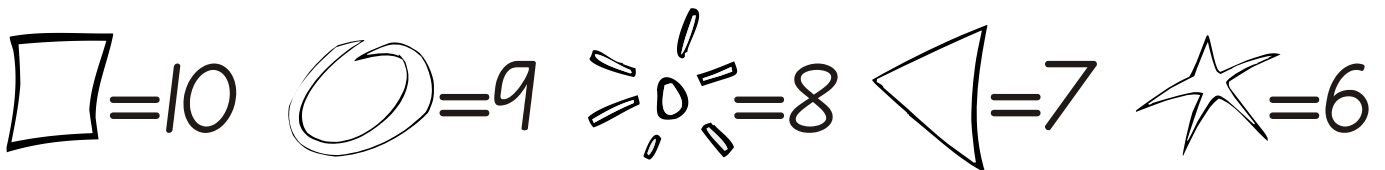
.....



.....

.....

Add the numbers for each pair of shapes.



$10 + 9 = \dots 19 \dots$

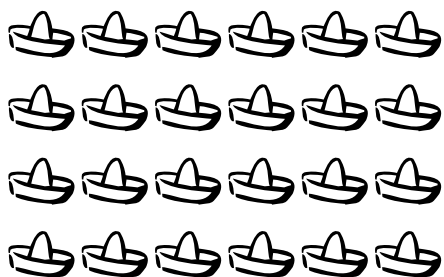
$\text{star} + \text{sun} = \dots$

$\text{circle} + \text{sun} = \dots$

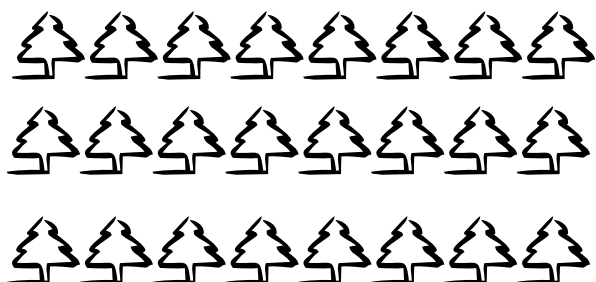
$\text{triangle} + \text{star} = \dots$

Describing Groups of Objects.

Match the following pictures with the correct statement.



• 5 rows of 3



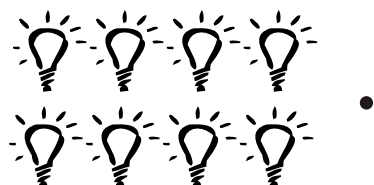
• 4 rows of 6



• 1 row of 10



• 2 rows of 4

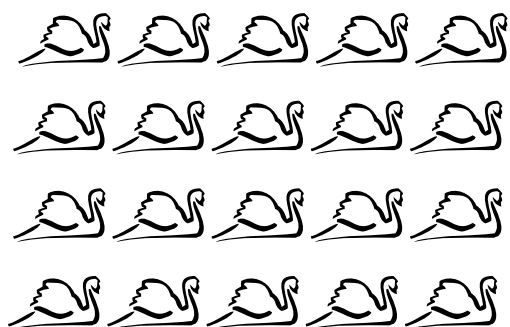


• 3 rows of 8

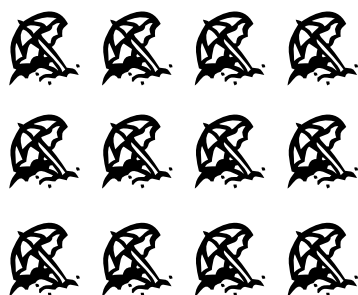


Describing Groups of Objects.

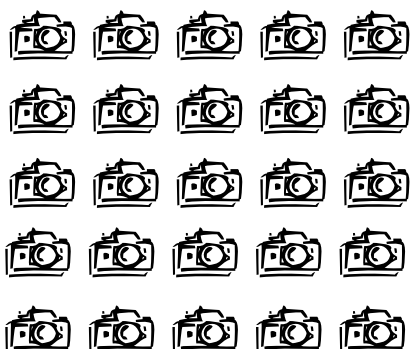
Match the following pictures with the correct statement.



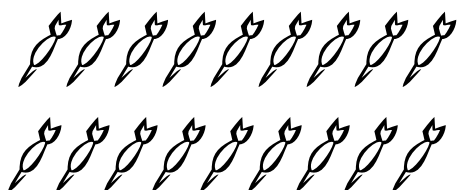
• 3 rows of 4



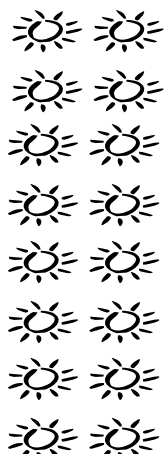
• 2 rows of 9



• 4 rows of 5



• 8 rows of 2




• 5 rows of 5

Drawing Groups of Objects.

Draw 5 rows of 2.

| | |
|---|--|
|  | |
| | |
| | |
| | |
| | |

Draw 3 rows of 5.


| | | | | |
|---|--|--|--|--|
|  | | | | |
| | | | | |
| | | | | |

Draw 4 rows of 7.

| | | | | | | |
|---|--|--|--|--|--|--|
|  | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Drawing Groups of Objects.


Draw 4 rows of 4.

| | | | |
|---|--|--|--|
|  | | | |
| | | | |
| | | | |
| | | | |

Draw 1 row of 6.

| | | | | | |
|--|--|--|--|--|--|
|  | | | | | |
|--|--|--|--|--|--|

Draw 7 rows of 2.

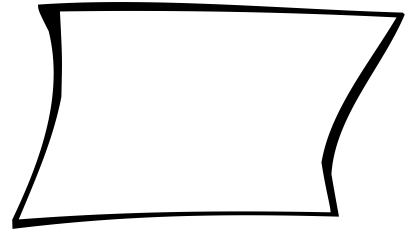
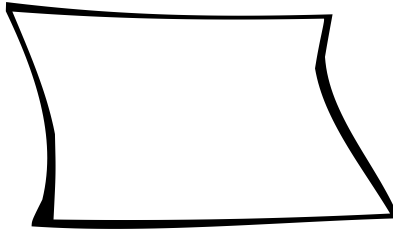
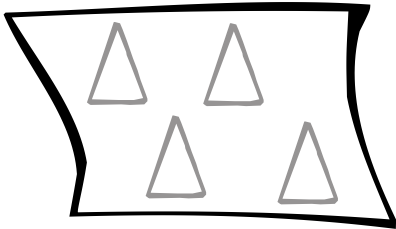
| | |
|---|--|
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Multiplying by Drawing Groups of Objects.

Draw the correct number of objects in the boxes.

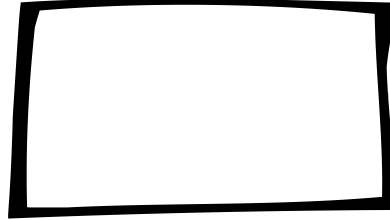
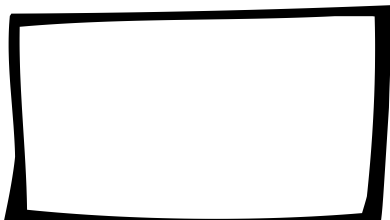
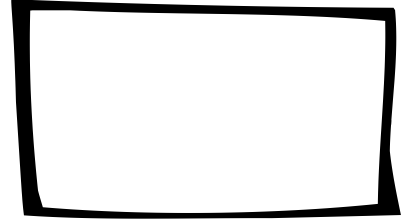
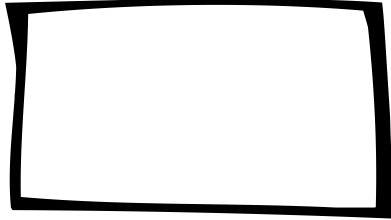
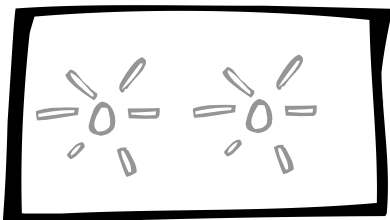
Write a multiplication statement for each.

Draw 4 triangles in each box.



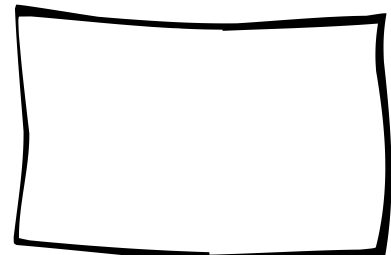
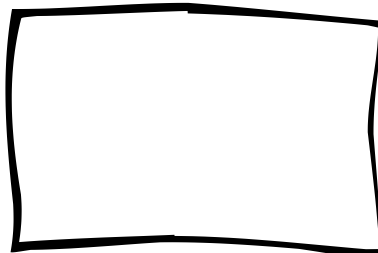
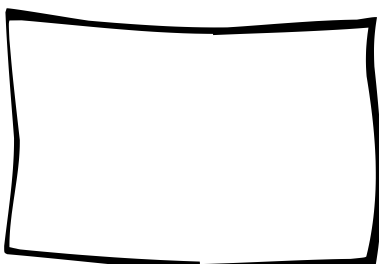
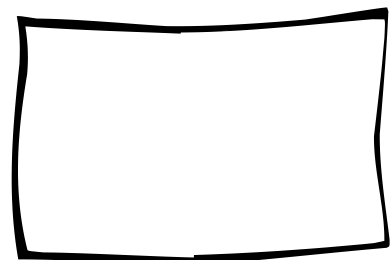
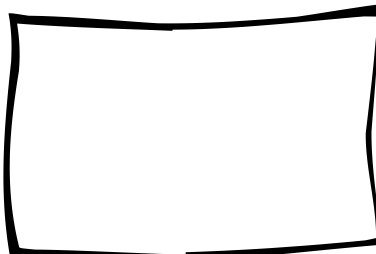
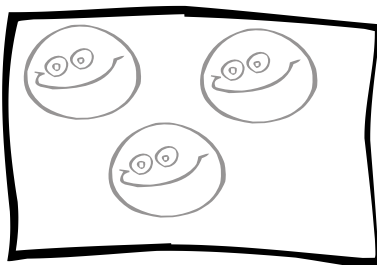
$$3 \times 4 = \dots\dots\dots$$

Draw 2 sunshine figures in each box.



$$5 \times 2 = \dots\dots\dots$$

Draw 3 smiley faces in each box.



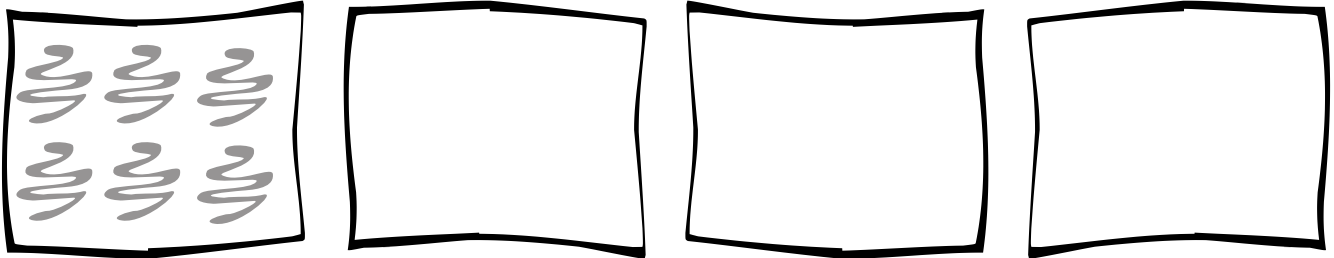
$$6 \times 3 = \dots\dots\dots$$

Multiplying by Drawing Groups of Objects.

Draw the correct number of objects in the boxes.

Write a multiplication statement for each.

Draw 6 squiggles in each box.



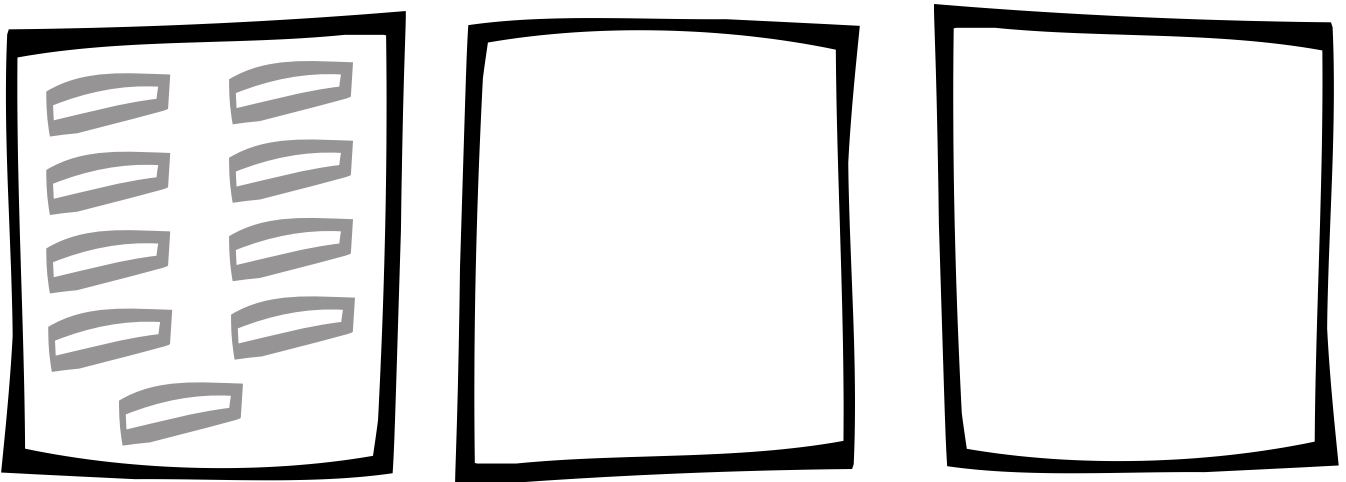
$$4 \times 6 = \dots\dots\dots$$

Draw 4 circles in each box.



$$5 \times 4 = \dots\dots\dots$$

Draw 9 rectangles in each box.

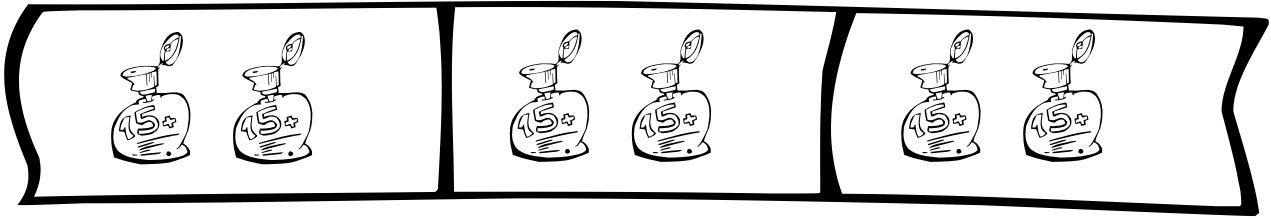


$$3 \times 9 = \dots\dots\dots$$

Addition and Multiplication.

Write an addition and a multiplication sum for each situation.

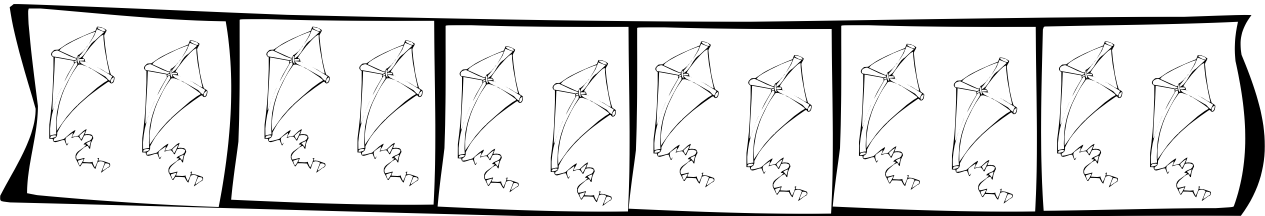
Bottles of sun screen.



$$2+2+2=.....$$

$$3 \times 2=.....$$

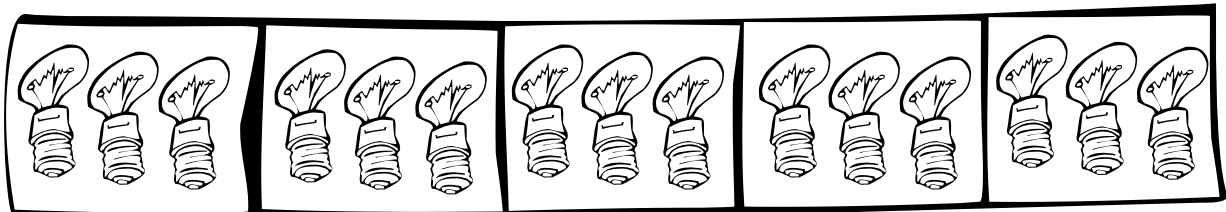
Kites.



$$2+2+2+2+2+2=.....$$

$$6 \times 2=.....$$

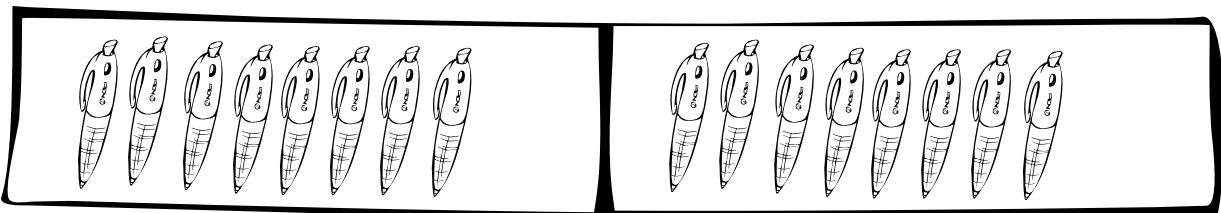
Light Bulbs.



$$3+3+3+3+3=.....$$

$$5 \times 3=.....$$

Pens.



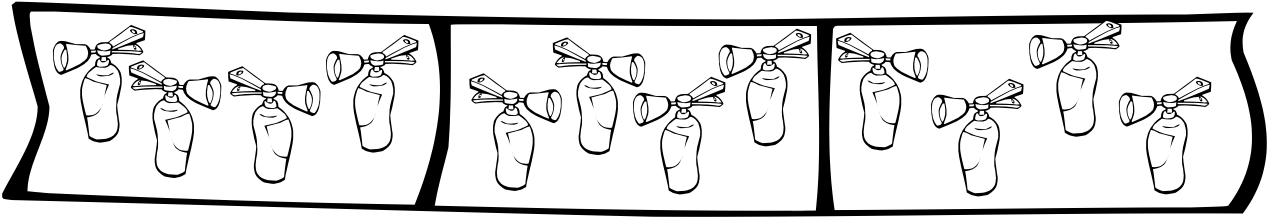
$$8+8=.....$$

$$2 \times 8=.....$$

Addition and Multiplication.

Write an addition and a multiplication sum for each situation.

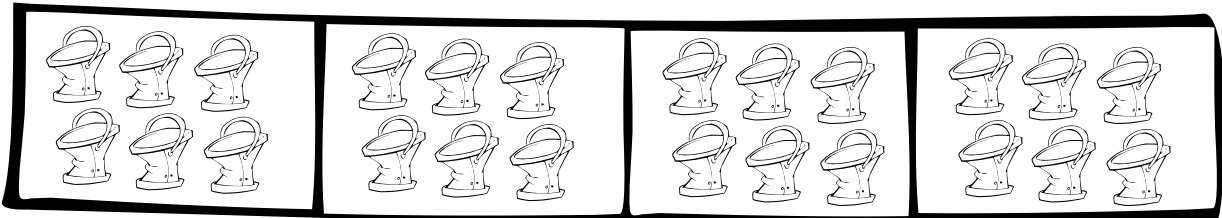
Fire extinguishers.



$$4 + 4 + 4 = \dots\dots\dots$$

$$3 \times 4 = \dots\dots\dots$$

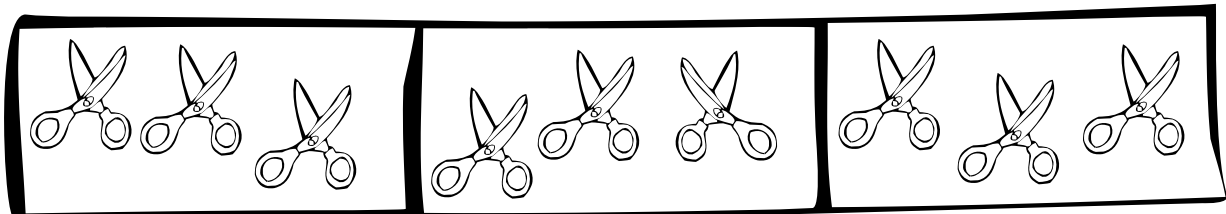
Buckets.



$$6 + 6 + 6 + 6 = \dots\dots\dots$$

$$4 \times 6 = \dots\dots\dots$$

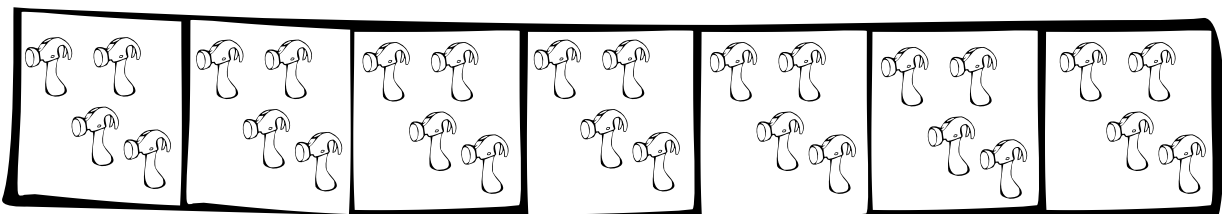
Scissors.



$$3 + 3 + 3 = \dots\dots\dots$$

$$3 \times 3 = \dots\dots\dots$$

Hammers.

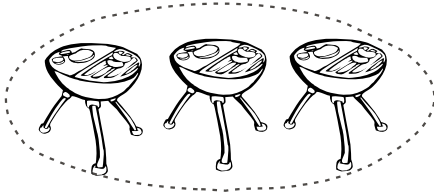


$$4 + 4 + 4 + 4 + 4 + 4 + 4 = \dots\dots\dots$$

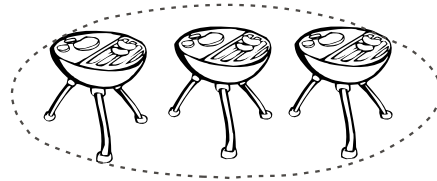
$$7 \times 4 = \dots\dots\dots$$

Addition and Multiplication.

Write an addition and a multiplication sum for each situation.



$3+3=.....$



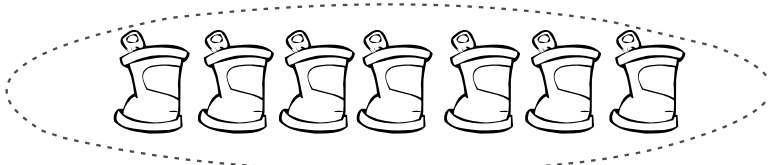
$2\times 3=.....$



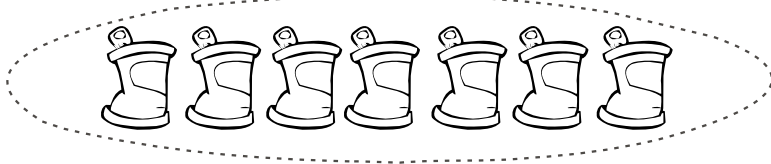
$5+5=.....$



$2\times 5=.....$



$7+7=.....$



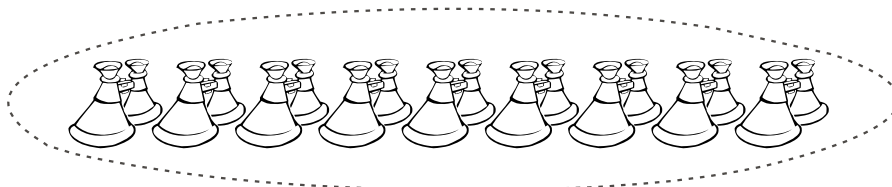
$2\times 7=.....$



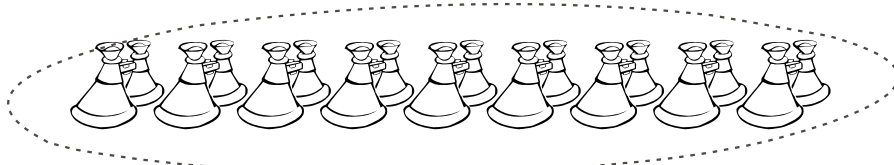
$8+8=.....$



$2\times 8=.....$



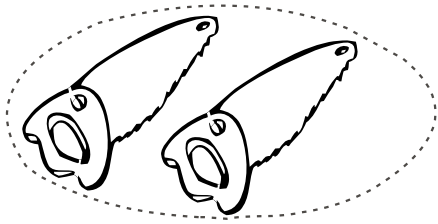
$9+9=.....$



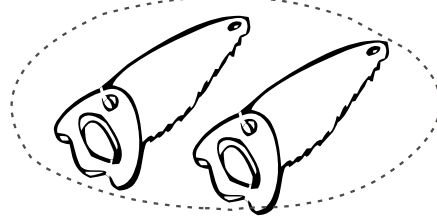
$2\times 9=.....$

Addition and Multiplication.

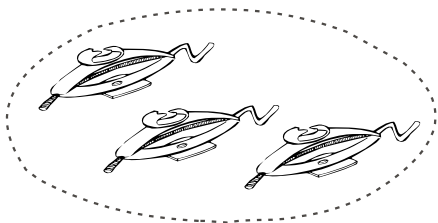
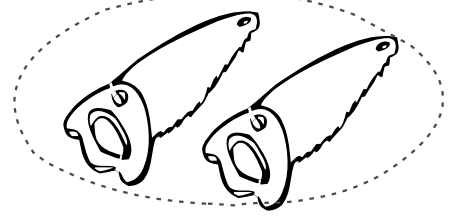
Write an addition and a multiplication sum for each situation.



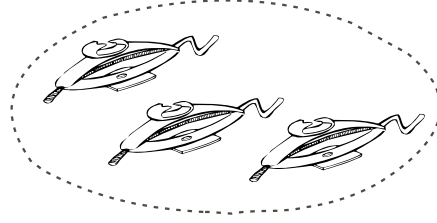
$2+2+2=.....$



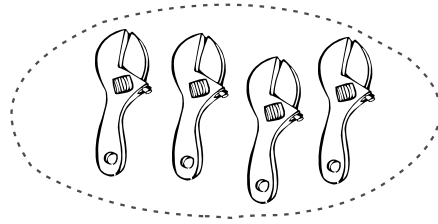
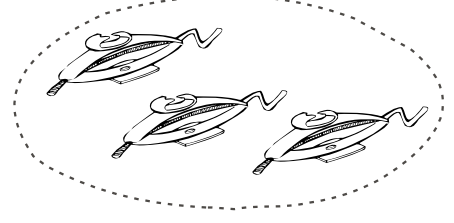
$3 \times 2=.....$



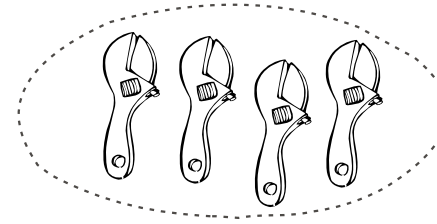
$3+3+3=.....$



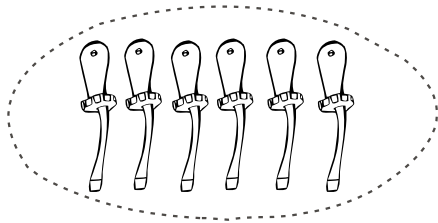
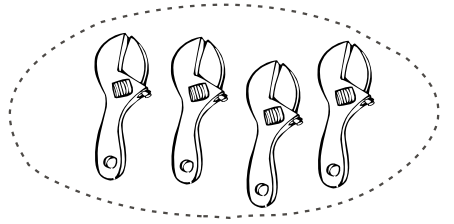
$3 \times 3=.....$



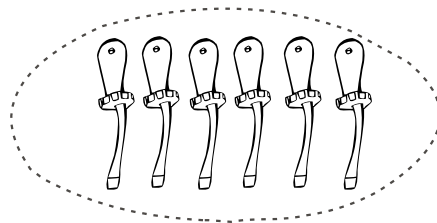
$4+4+4=.....$



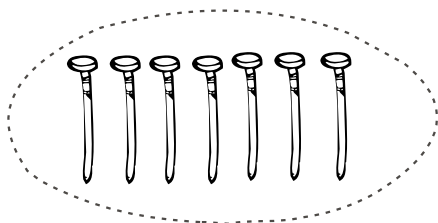
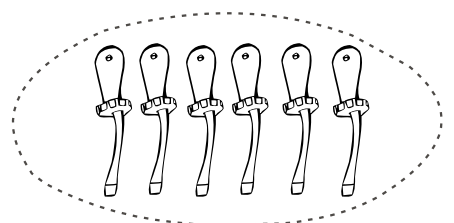
$3 \times 4=.....$



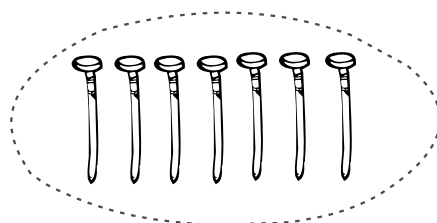
$6+6+6=.....$



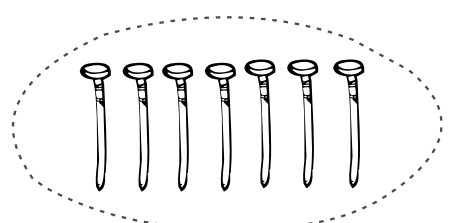
$3 \times 6=.....$



$7+7+7=.....$



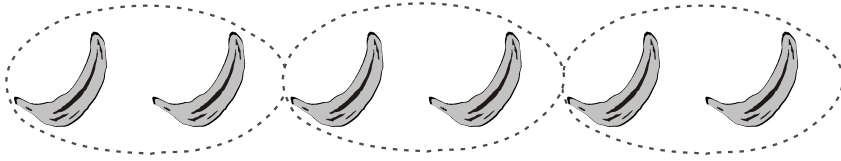
$3 \times 7=.....$



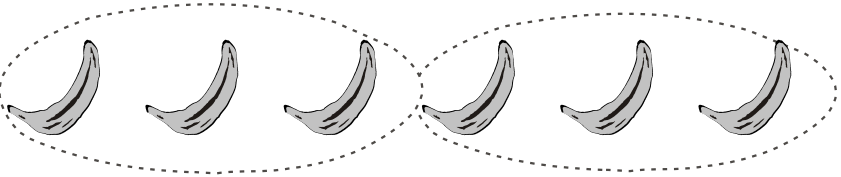
Addition and Multiplication.

Complete the addition multiplication sums for each situation.

$$2+2+2=\dots\dots\dots$$



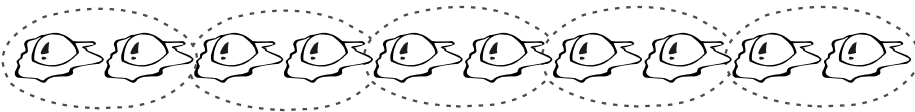
$$3 \times 2 = \dots\dots\dots$$



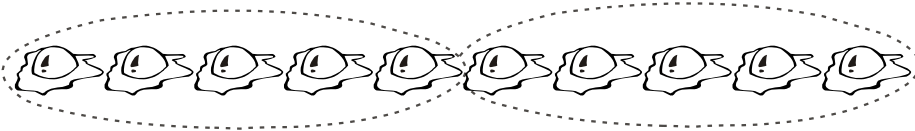
$$3+3=\dots\dots\dots$$

$$2 \times 3 = \dots\dots\dots$$

$$2+2+2+2+2=\dots\dots\dots$$



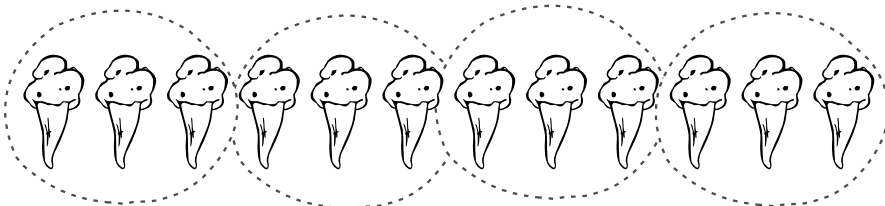
$$5 \times 2 = \dots\dots\dots$$



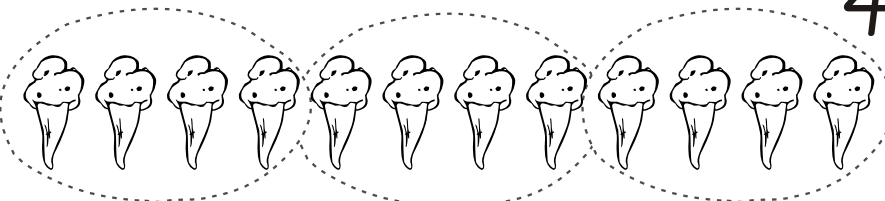
$$5+5=\dots\dots\dots$$

$$2 \times 5 = \dots\dots\dots$$

$$3+3+3+3=\dots\dots\dots$$



$$4 \times 3 = \dots\dots\dots$$



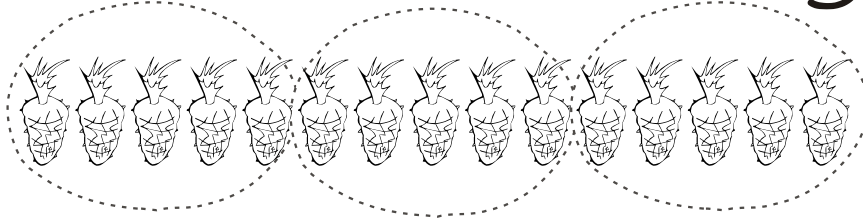
$$4+4+4=\dots\dots\dots$$

$$3 \times 4 = \dots\dots\dots$$

Addition and Multiplication.

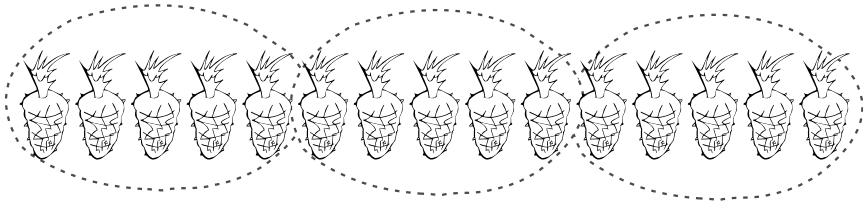
Complete the addition multiplication sums for each situation.

$$5+5+5=\dots\dots\dots$$



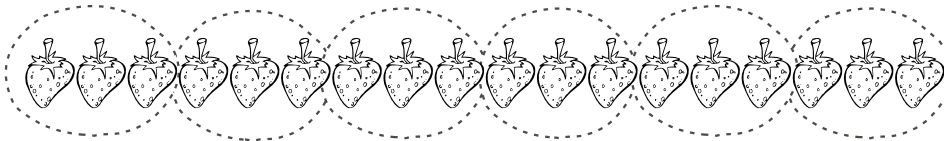
$$3\times 5=\dots\dots\dots$$

$$3+3+3+3=\dots\dots\dots$$



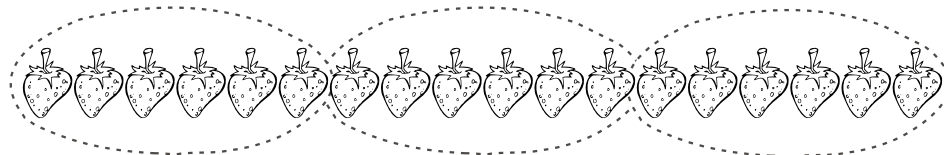
$$5\times 3=\dots\dots\dots$$

$$3+3+3+3+3+3=\dots\dots\dots$$



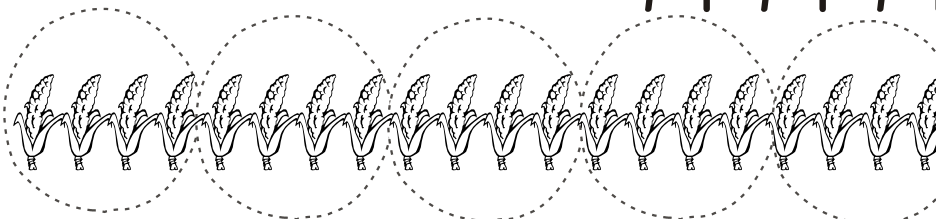
$$6\times 3=\dots\dots\dots$$

$$6+6+6=\dots\dots\dots$$



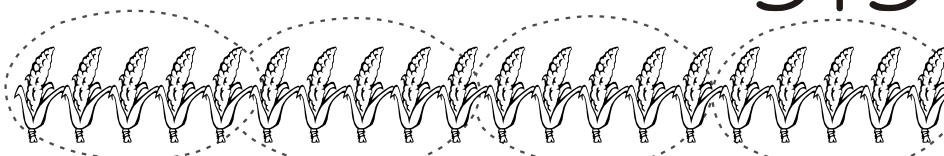
$$3\times 6=\dots\dots\dots$$

$$4+4+4+4+4=\dots\dots\dots$$



$$5\times 4=\dots\dots\dots$$

$$5+5+5+5=\dots\dots\dots$$



$$4\times 5=\dots\dots\dots$$

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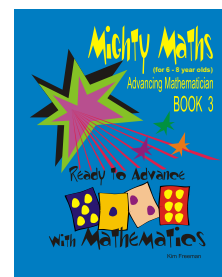
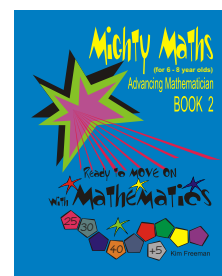
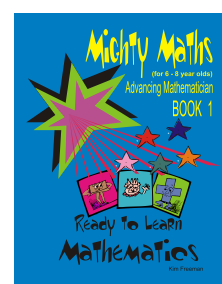
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