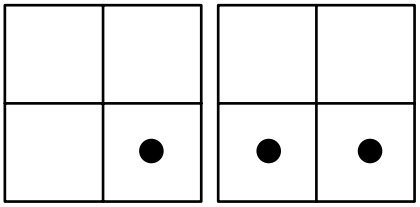
Caravan of Problems #2

What number is on the Minicomputer?



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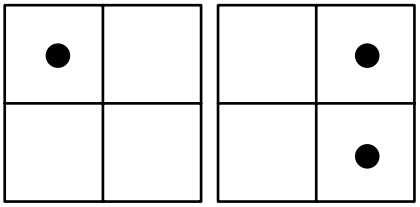

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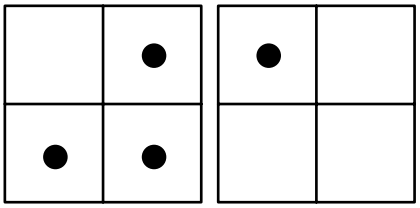

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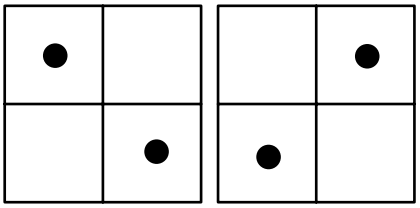

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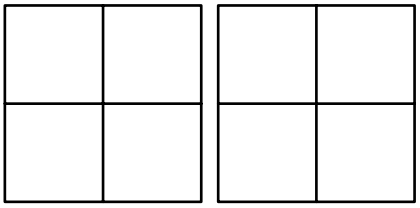
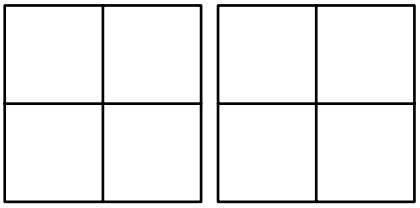
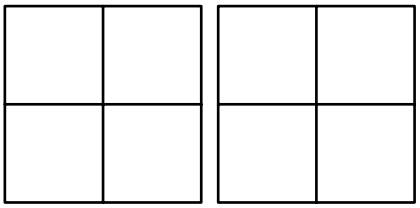
Put these numbers on the Minicomputer.



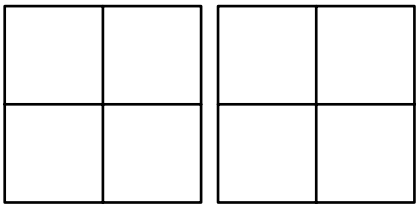
29



64

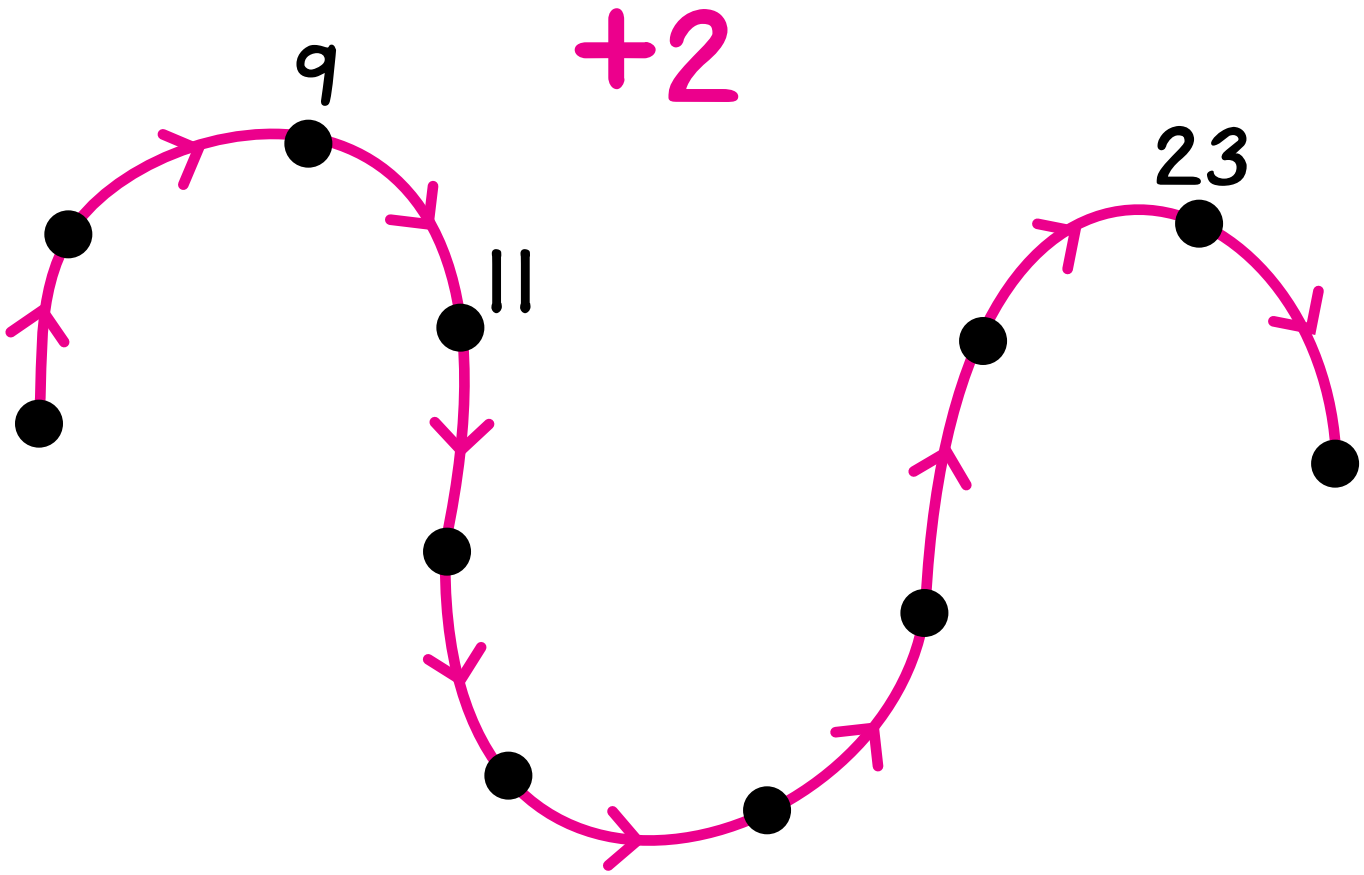


37



50

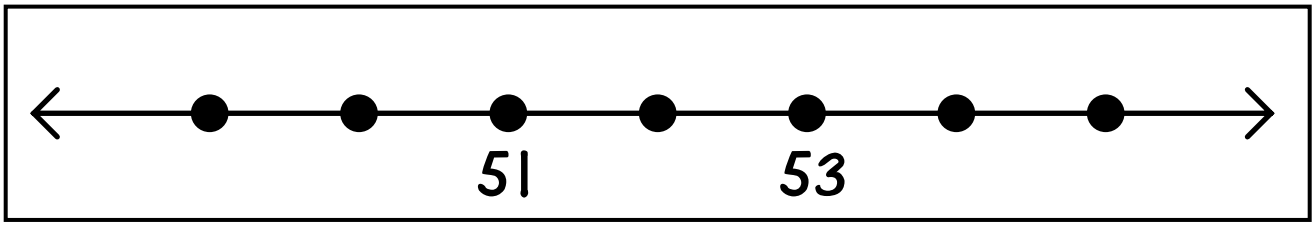
Label the dots.

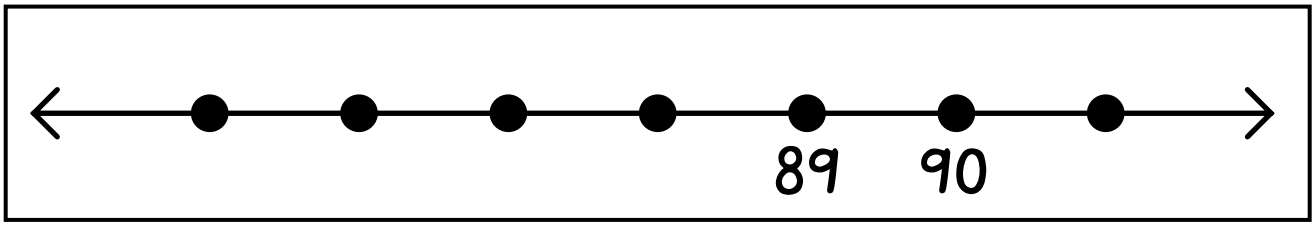


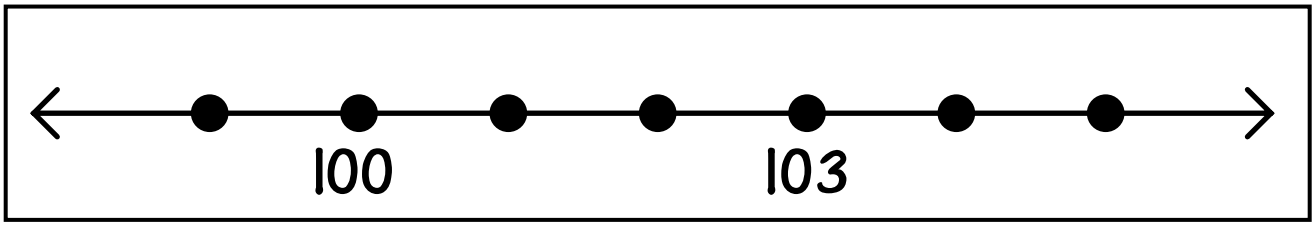
Complete.

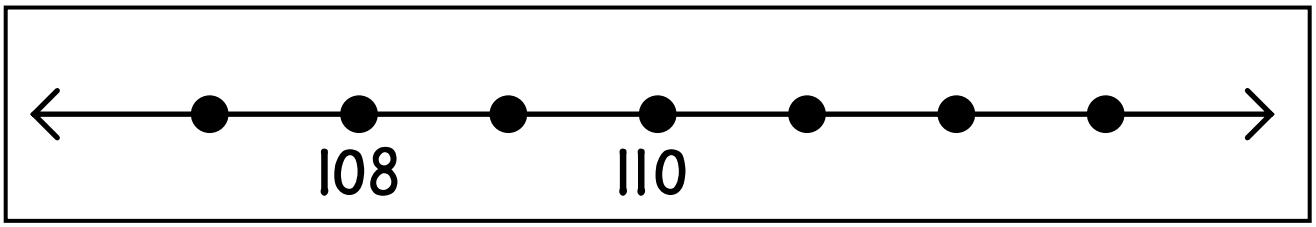
25 +2	16 +2	8 +2	22 +2	34 +2
33 +2	57 +2	49 +2	100 +2	78 +2

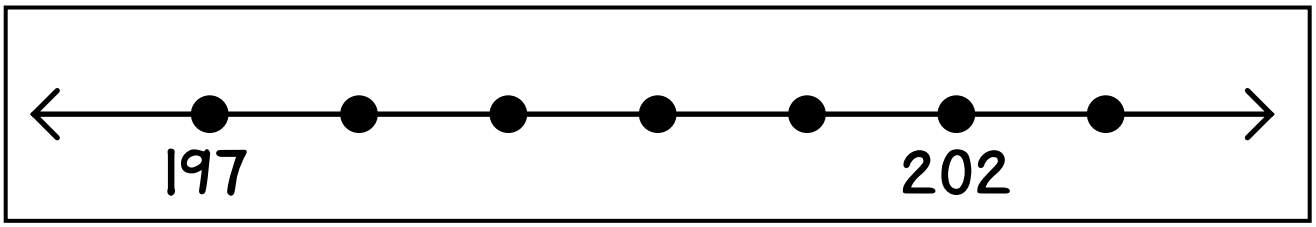
Label the dots on these number lines.



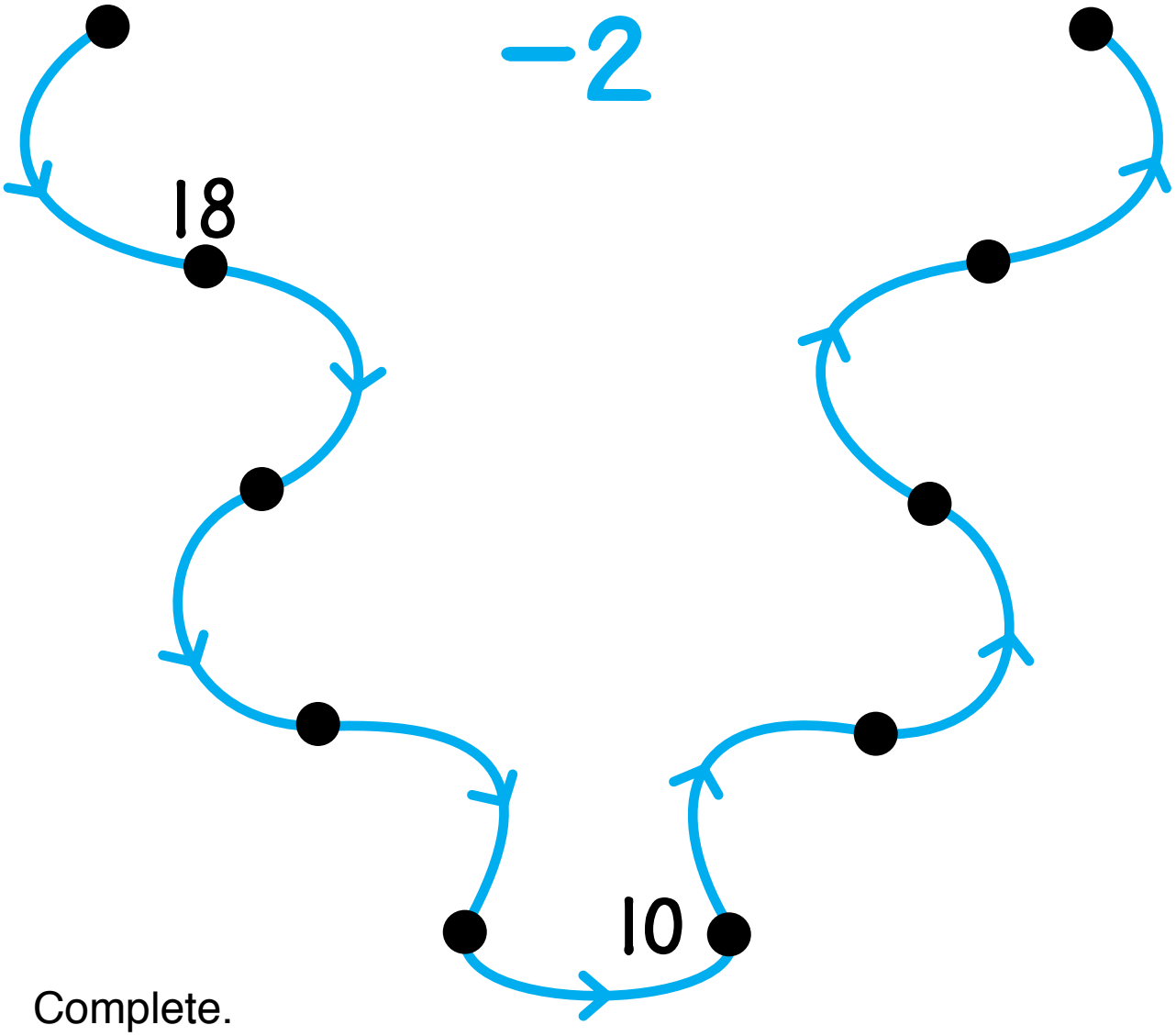








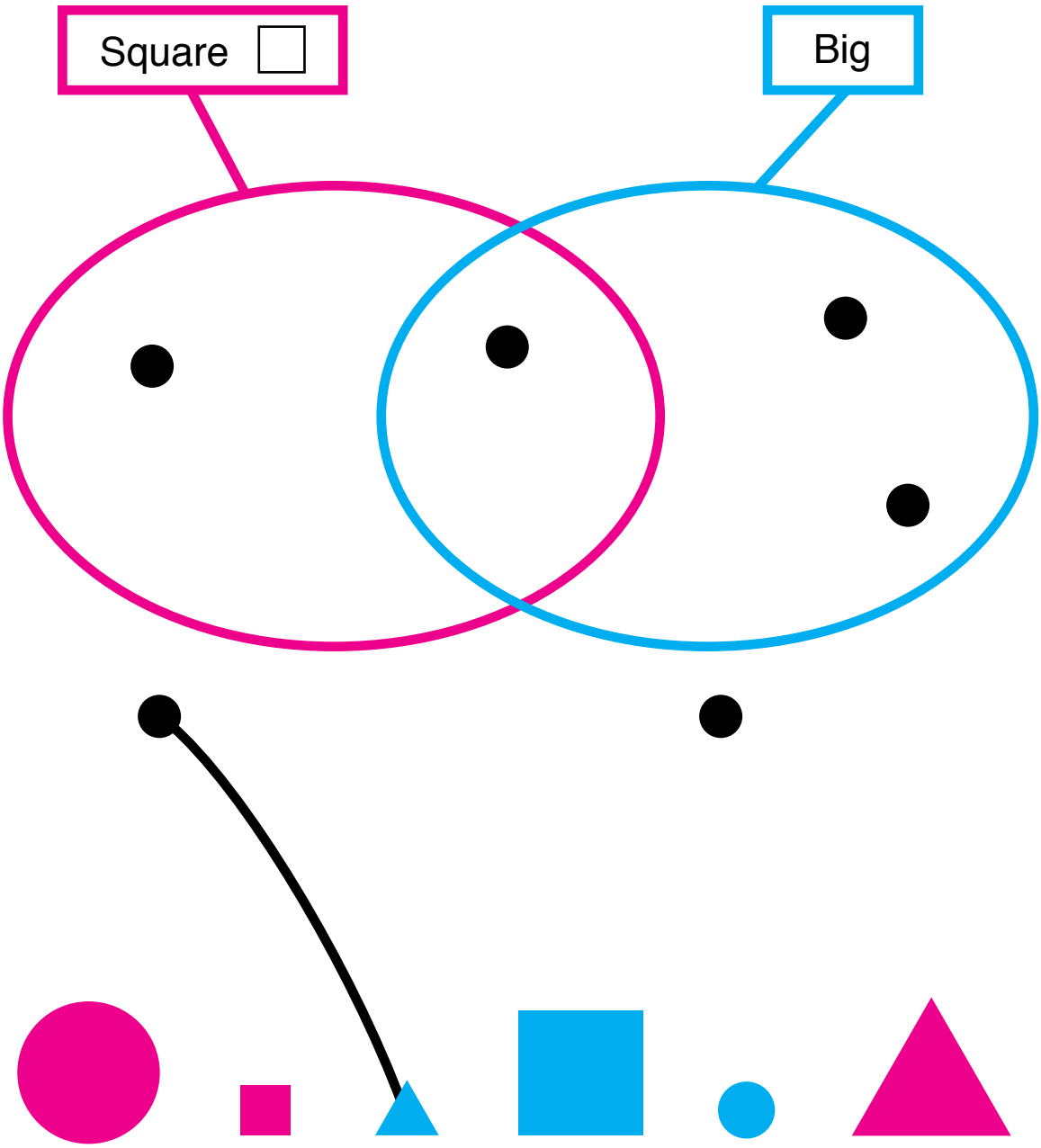
Label the dots.



Complete.

9 − 2 =	16 − 2 =	13 − 2 =	11 − 2 =	24 − 2 =
35 − 2 =	43 − 2 =	50 − 2 =	21 − 2 =	62 − 2 =

Match the dots with A-blocks. One is done for you.



Put these numbers in the correct houses. One is done for you.

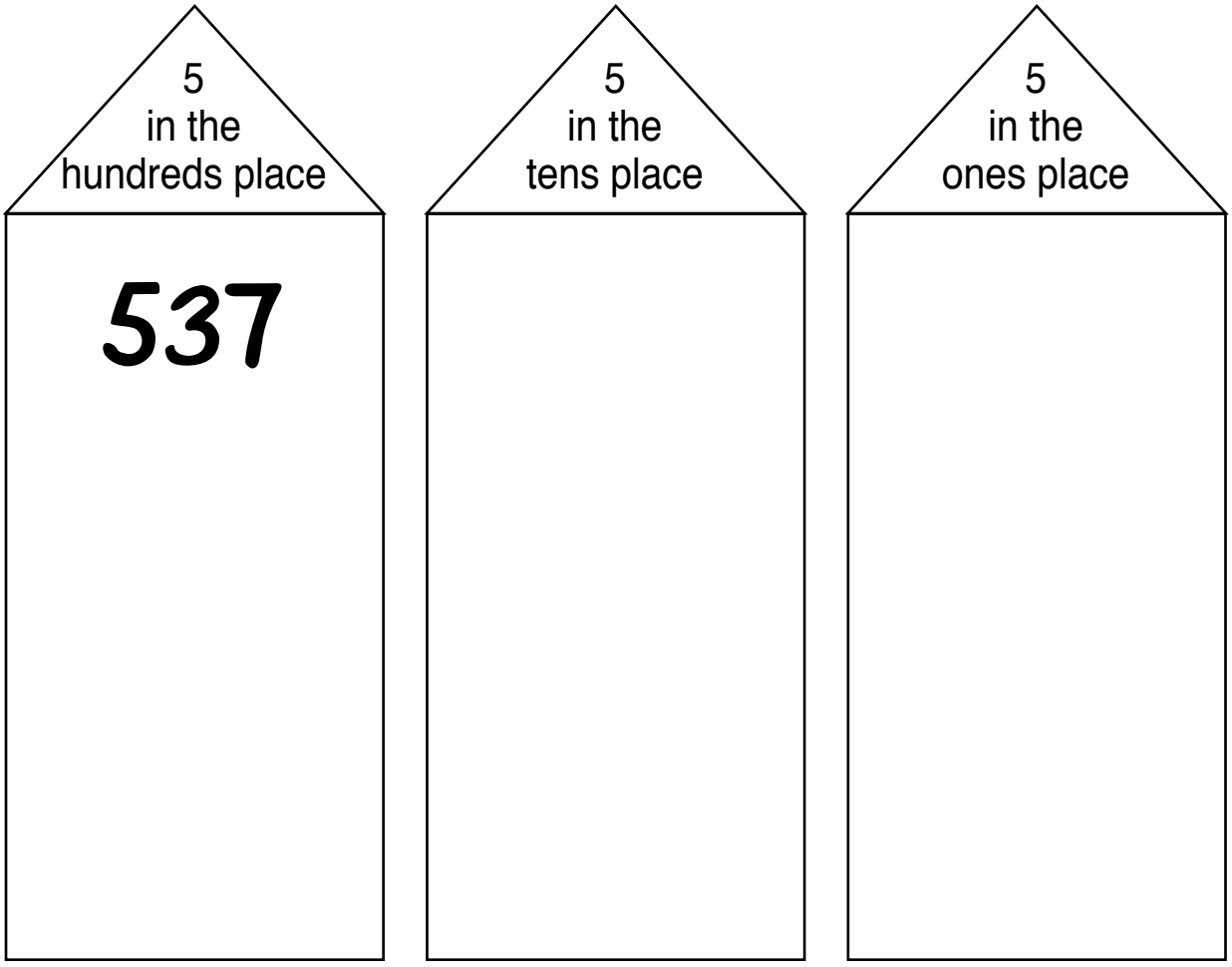
~~537~~ 52 25

615 540 215

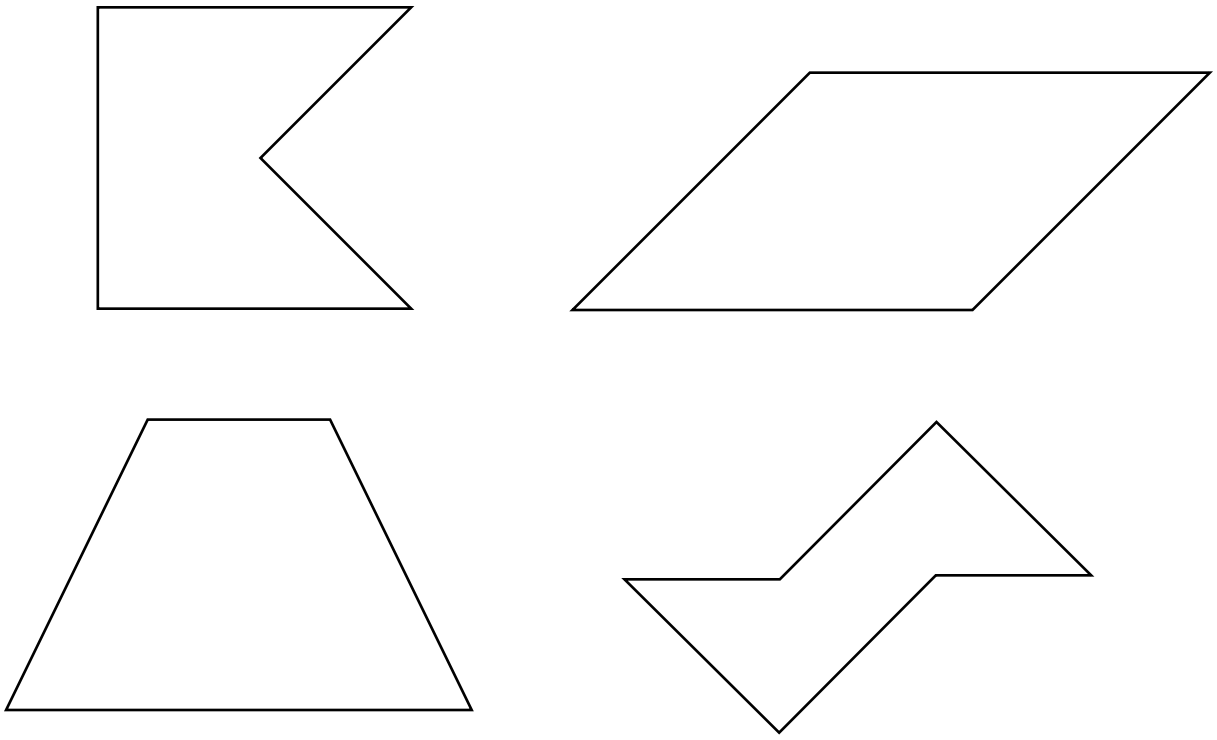
451 658 150

503 195 305

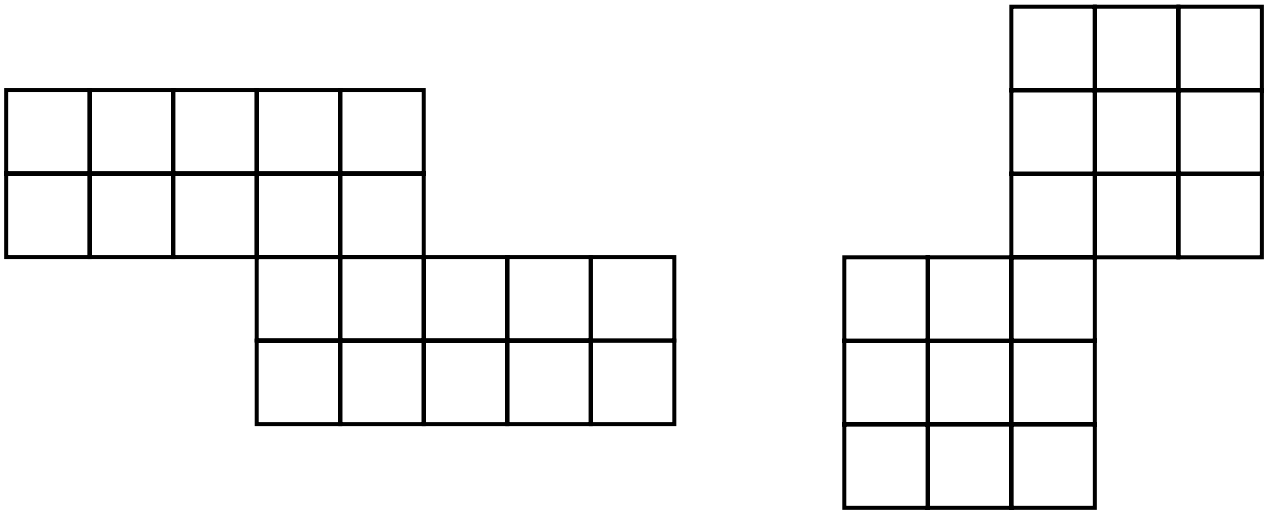
159 500 521



Cut each shape equally in half with one line.



Color one-half of each shape red.



Solve these problems. You may draw pictures or use the Minicomputer.

Jule has 4 packages of pencils. Each package has 8 pencils. How many pencils in all? _____

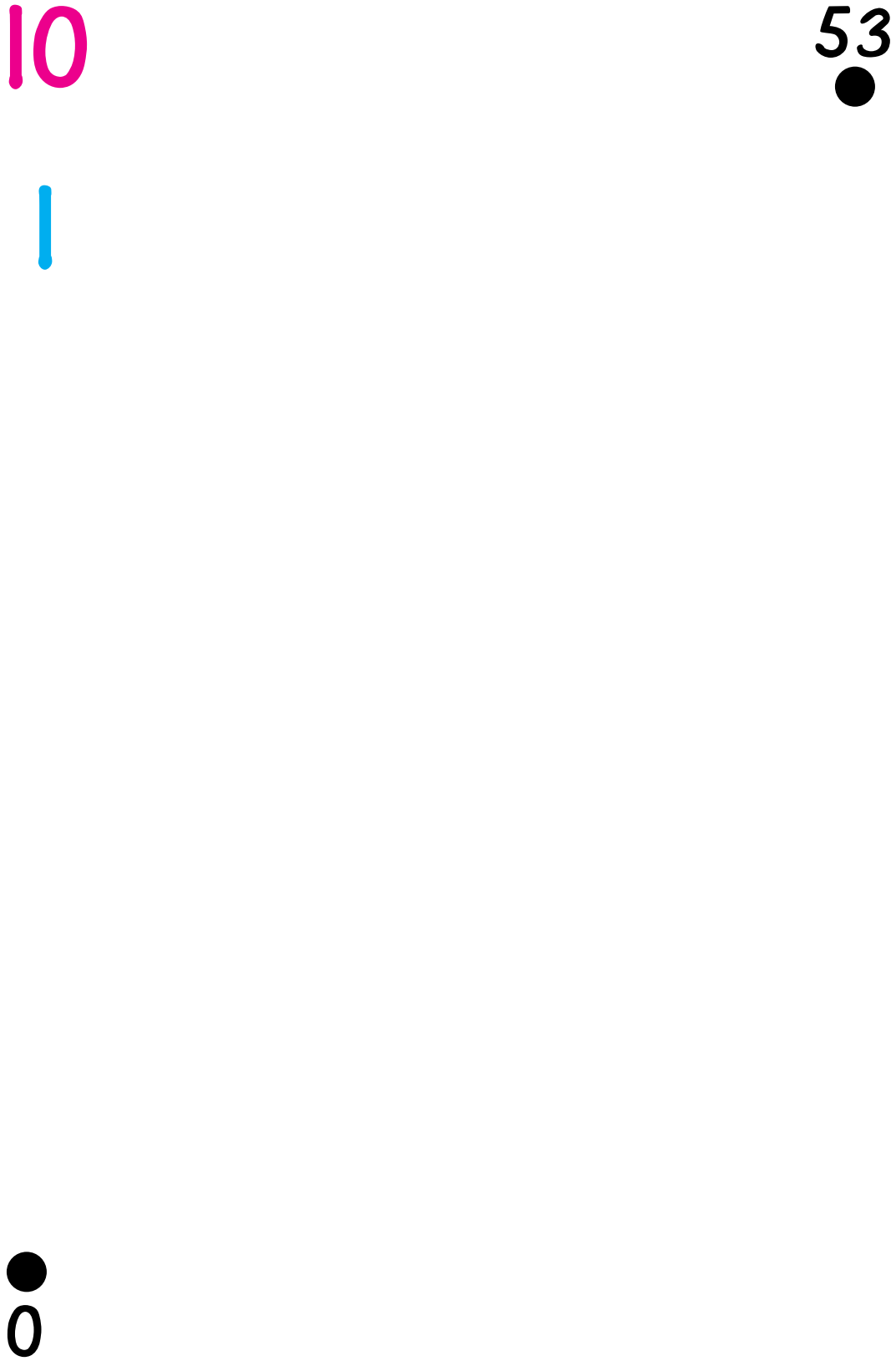
Ardis took 27 flowers to the parade. He gave 15 flowers to watchers. How many flowers does he have left? _____

Ms. Thomas wants to share 30 bones equally among her 5 dogs. How many bones for each dog? _____

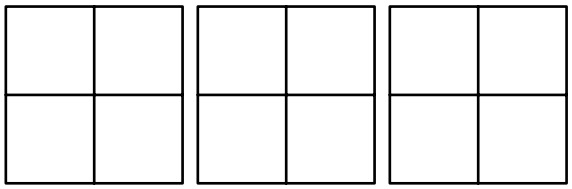
Build an arrow road from 0 to 53 using +10 and +1 arrows.

+10

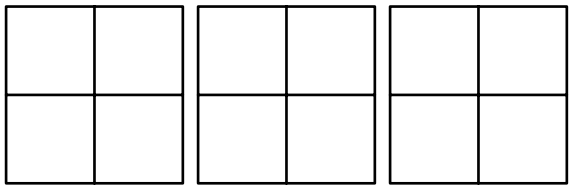
+1



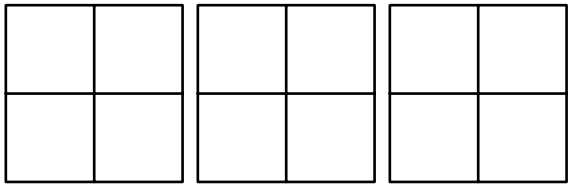
Put these numbers on the Minicomputer.



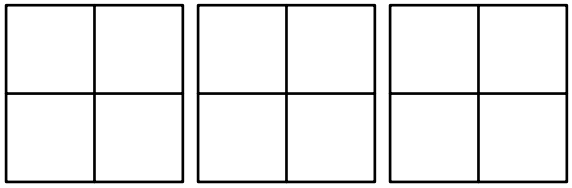
425



239

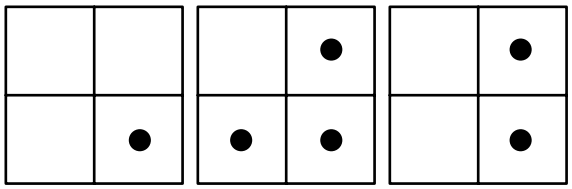


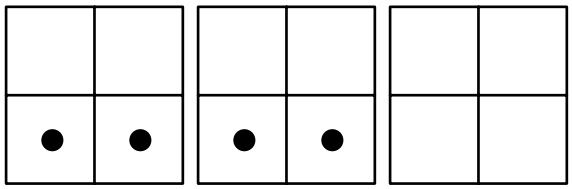
807

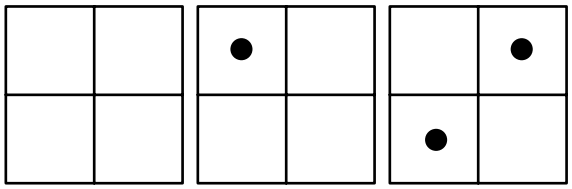


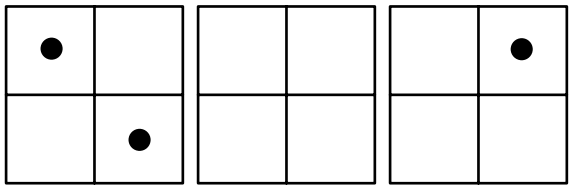
560

What number is on the Minicomputer?

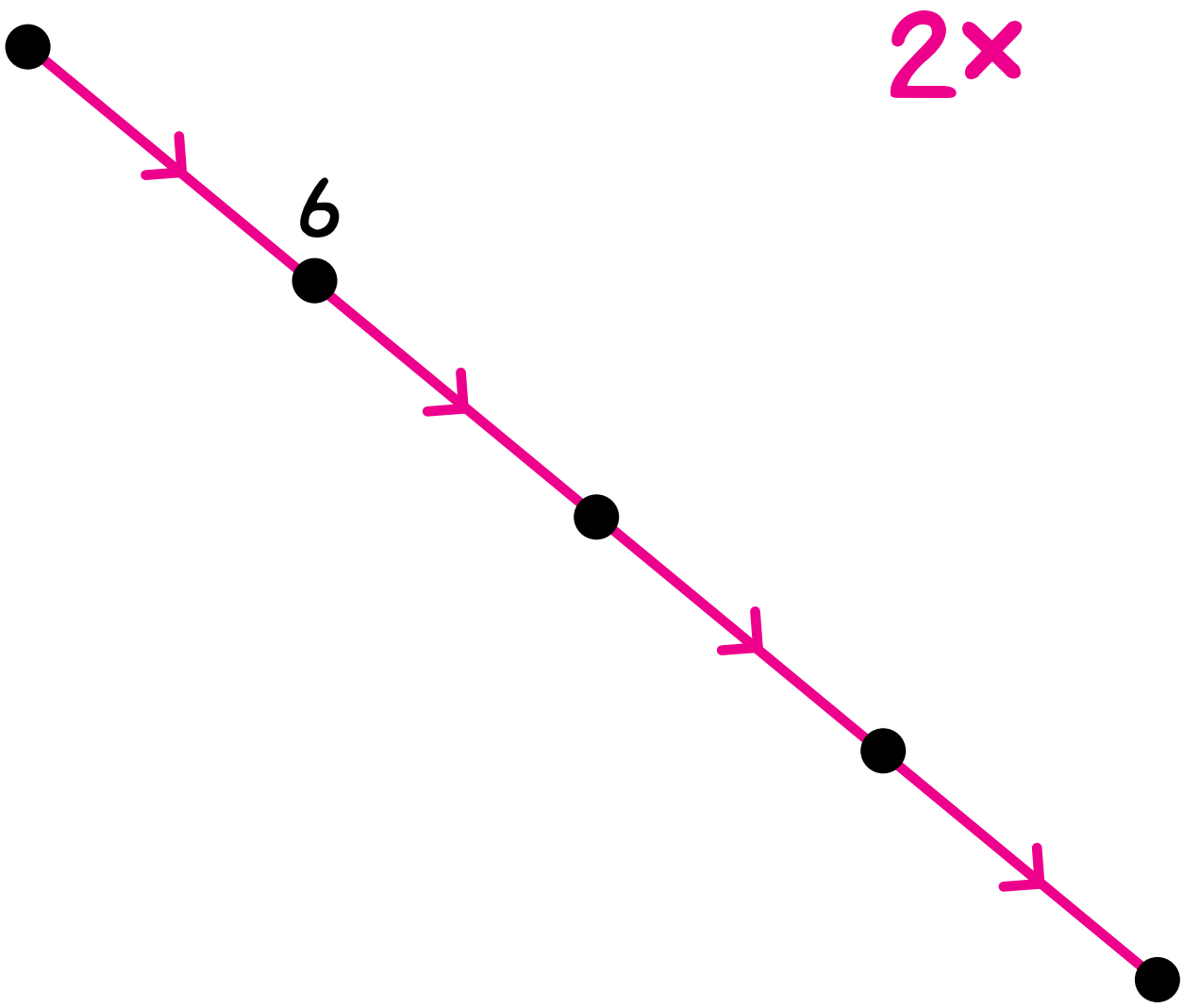








Label the dots.



Complete.

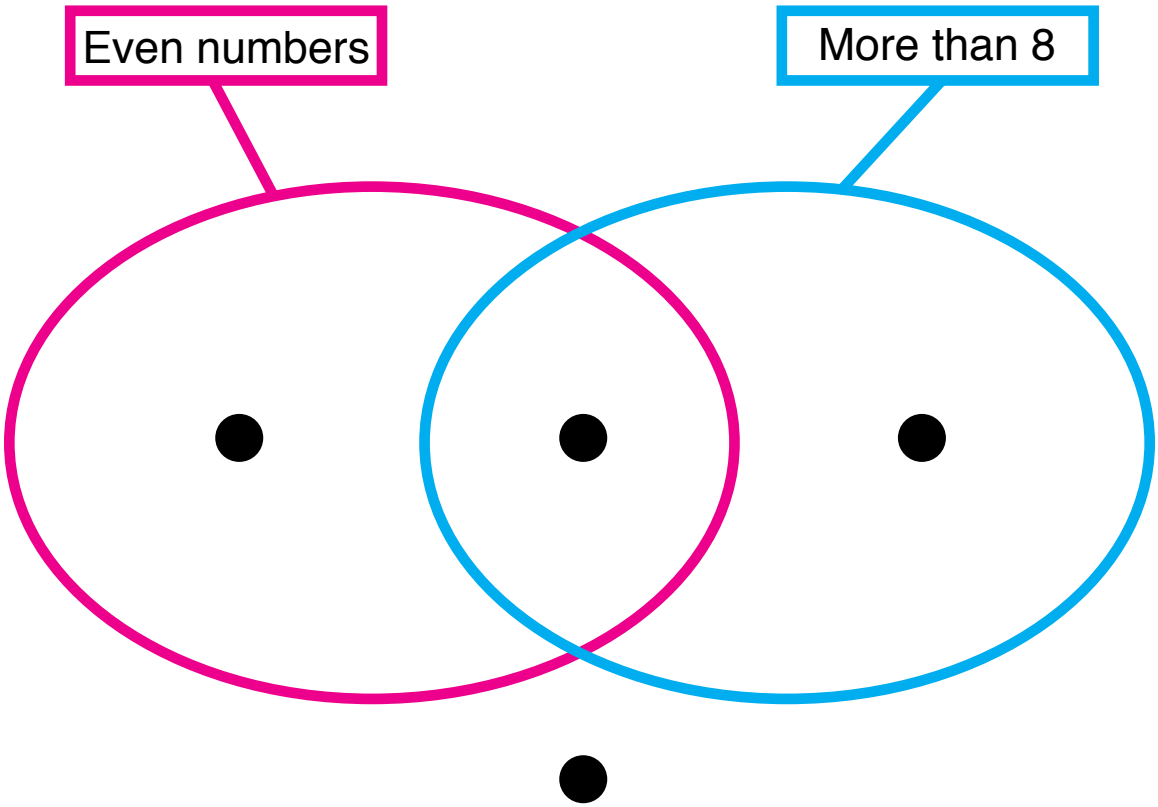
$2 \times 4 = \_\_\_$ $2 \times 5 = \_\_\_$

$2 \times 7 = \_\_\_$ $2 \times 11 = \_\_\_$

$$\begin{array}{r} 21 \\ \times\ 2 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ \times\ 2 \\ \hline \end{array} \quad \begin{array}{r} 32 \\ \times\ 2 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ \times\ 2 \\ \hline \end{array} \quad \begin{array}{r} 45 \\ \times\ 2 \\ \hline \end{array}$$

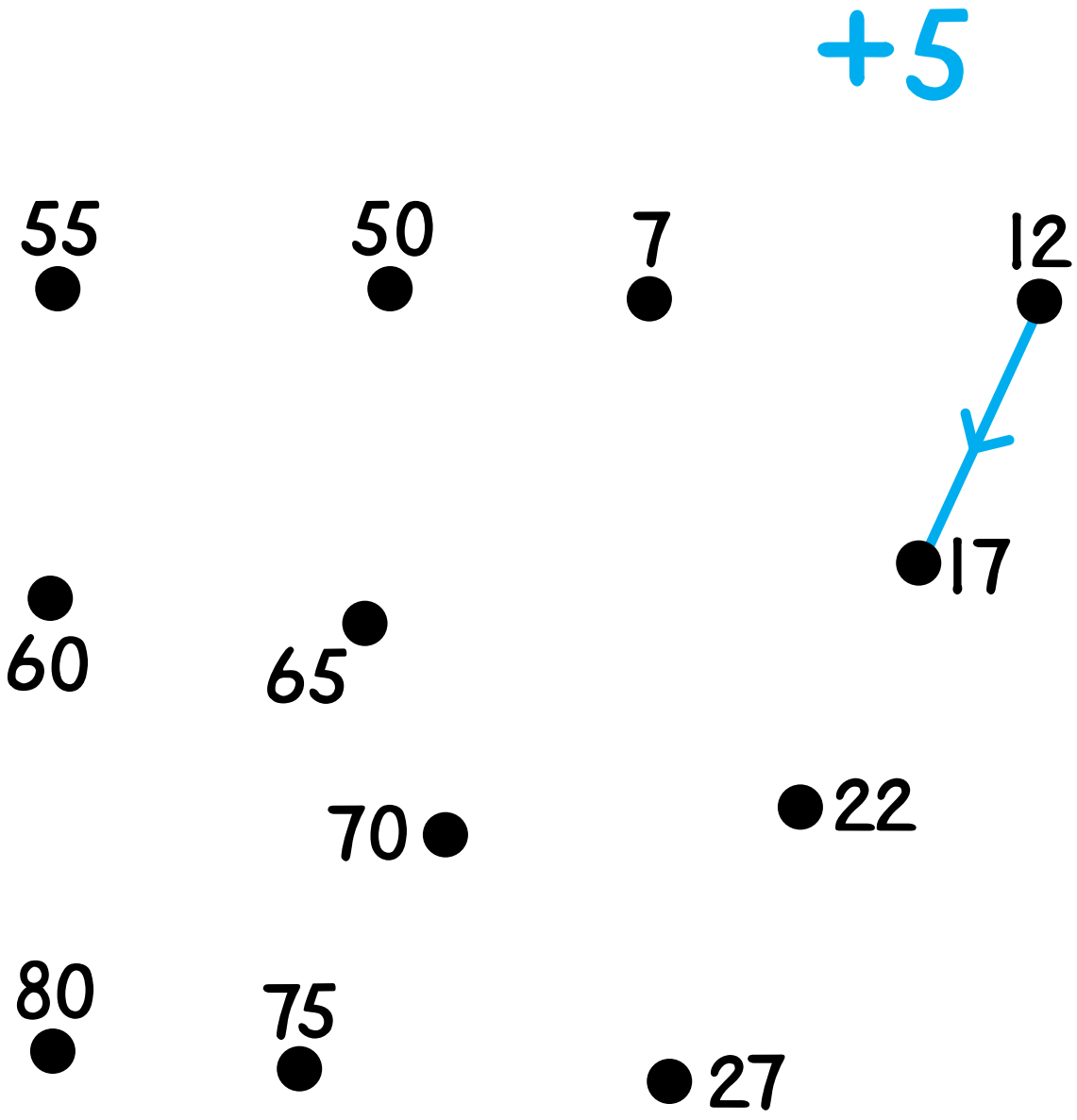
Label the dots in this picture with these numbers:

2 5 10 15



Put three more numbers in the string picture.

Draw all +5 arrows in blue.



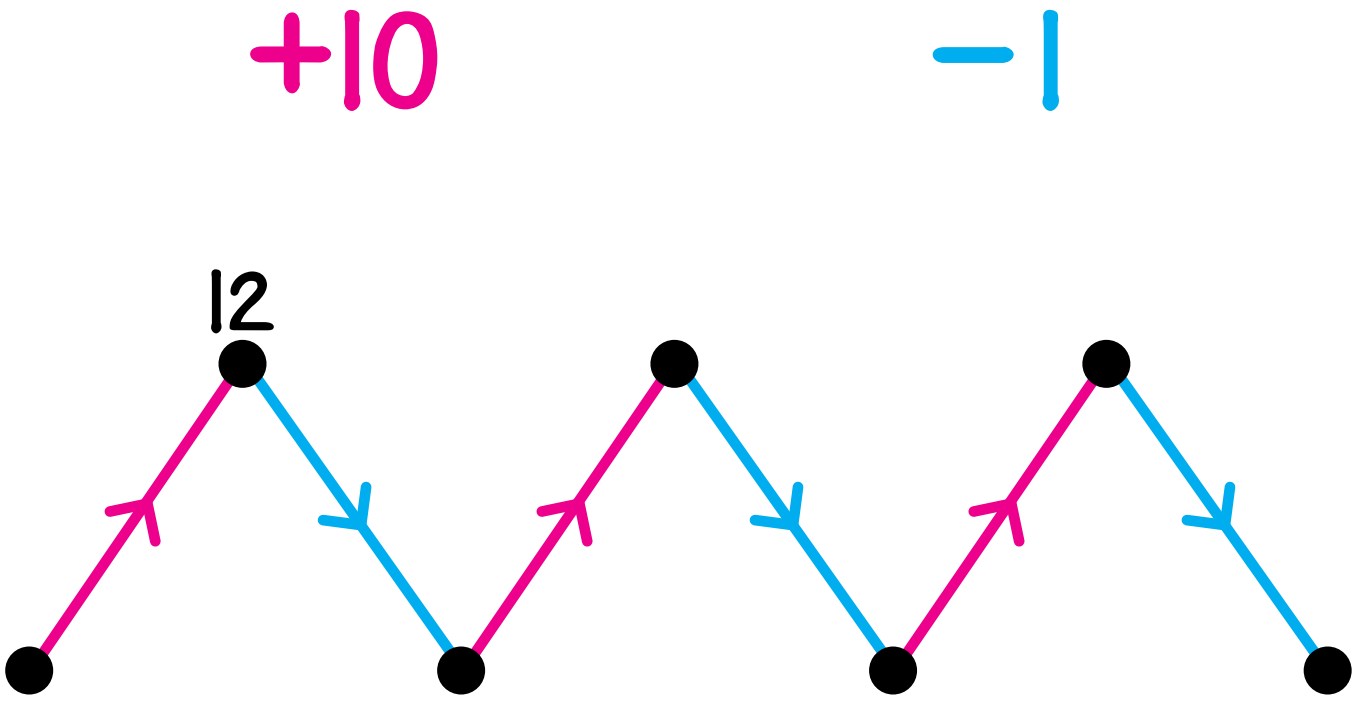
Complete.

27	55	36	105	49
+5	+5	+5	+5	+5
___	___	___	___	___

Calculate.

$25 + 15$	$52 + 64$
$350 + 240$	$416 + 322$
$512 + 329$	$321 + 284$

Label the dots. Draw +9 arrows in green.



Complete.

2	9	9	9	4
+9	+8	+9	+3	+9
21	13	15	35	17
+9	+9	+9	+9	+9

Code

A – 1
B – 2
C – 3
D – 4
E – 5
F – 6
G – 7
H – 8
I – 9
J – 10
K – 11
L – 12
M – 13
N – 14
O – 15
P – 16
Q – 17
R – 18
S – 19
T – 20
U – 21
V – 22
W – 23
X – 24
Y – 25
Z – 26

Decode.

$\overline{12-4}$ $\overline{3\times5}$ $\overline{24-1}$

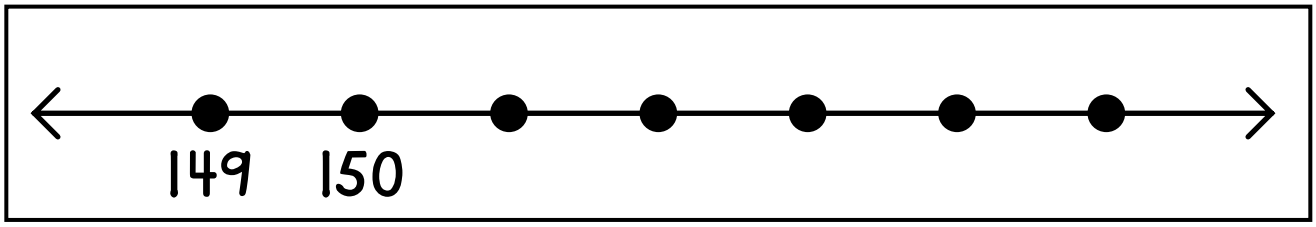
$\overline{4\times5}$ $\overline{10-9}$ $\overline{2\times6}$ $\overline{7+5}$

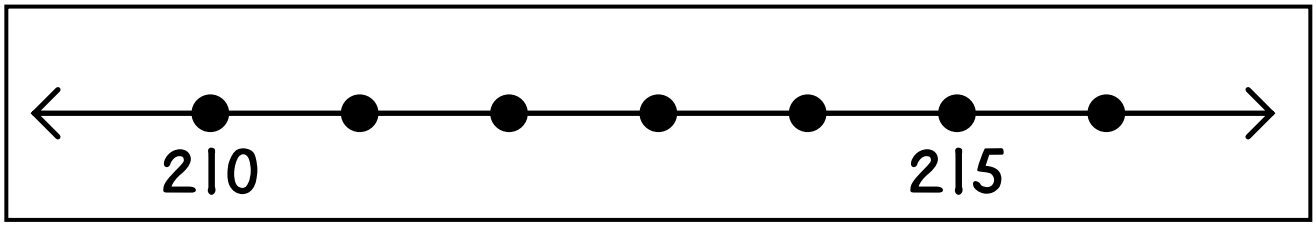
$\overline{20-19}$ $\overline{2\times9}$ $\overline{10-5}$

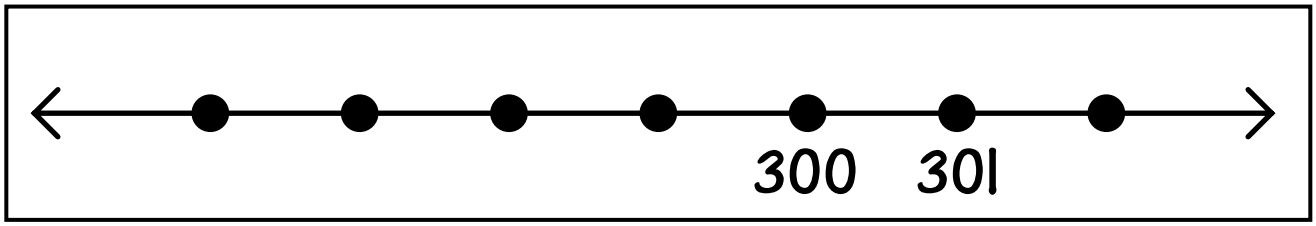
$\overline{5\times5}$ $\overline{8+7}$ $\overline{30-9}$?

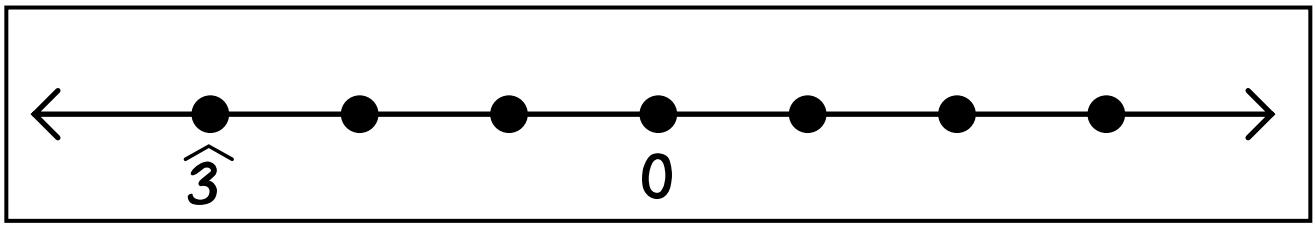
Answer: _____ cm

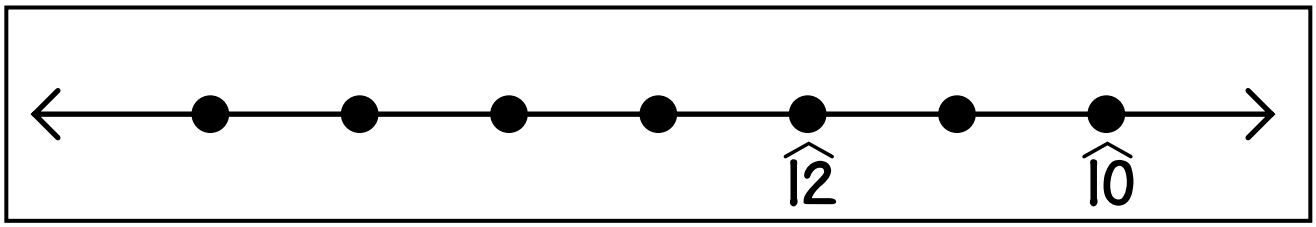
Label the dots on these number lines.



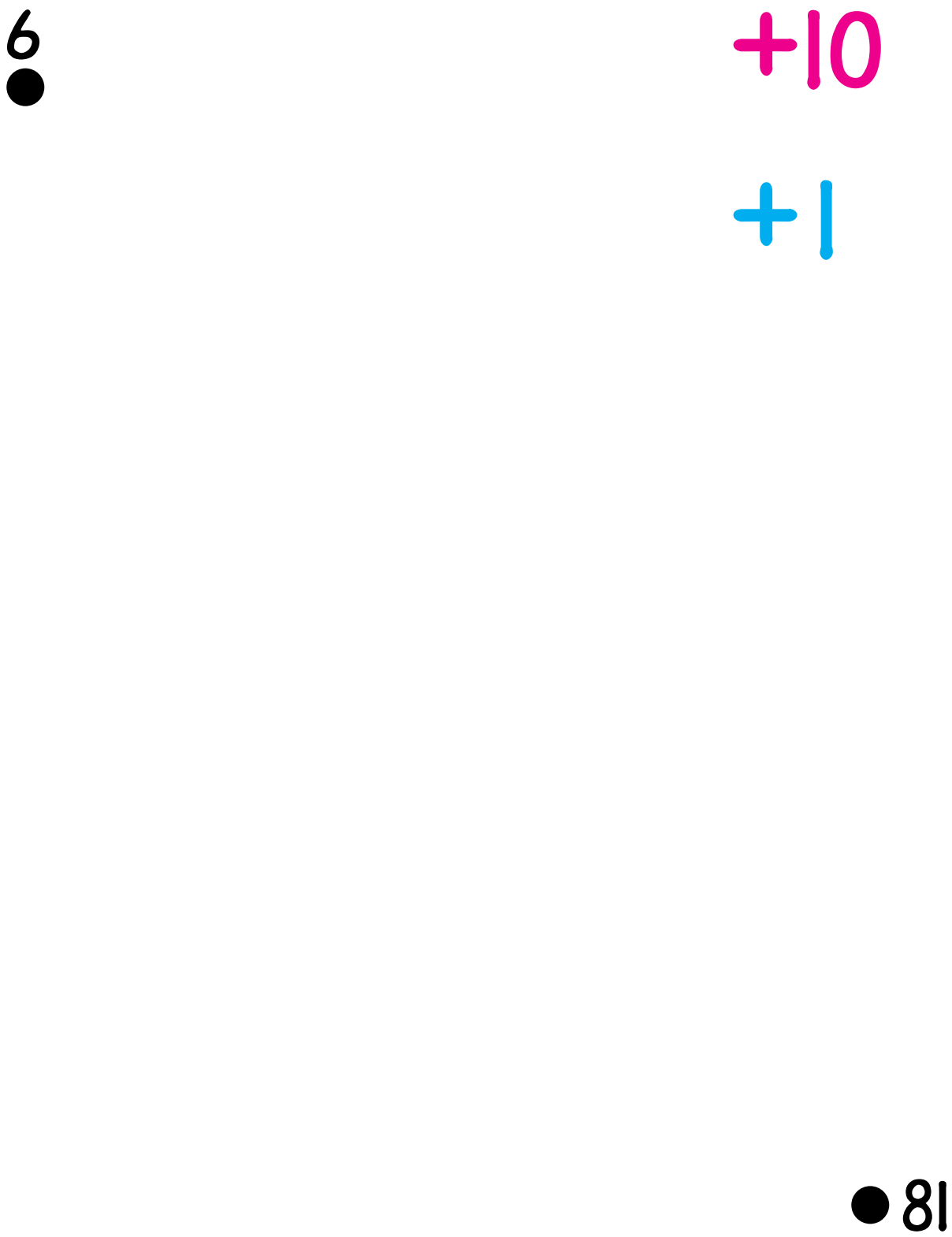




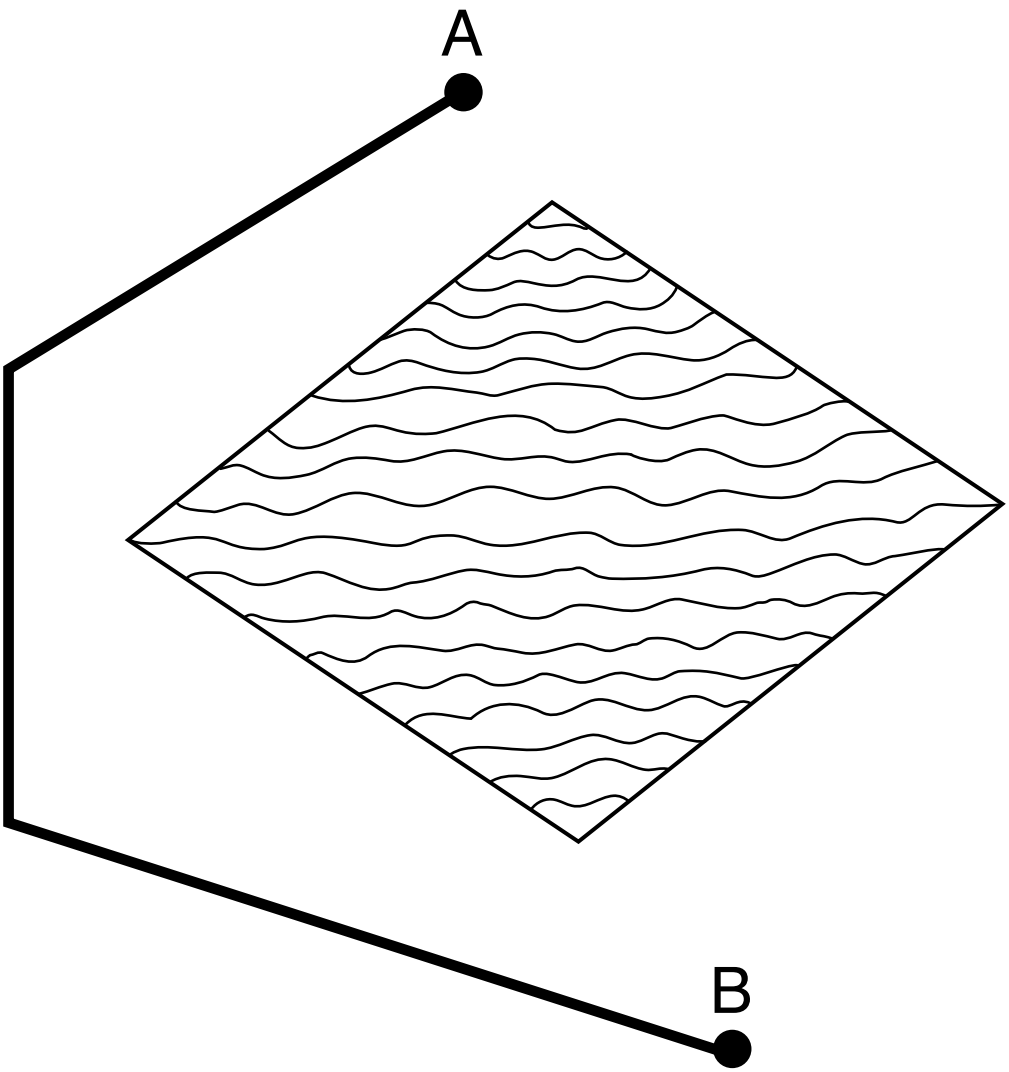




Build an arrow road from 6 to 81 using +10 and +1 arrows.



How long is this zigzag path from A to B? _____ cm

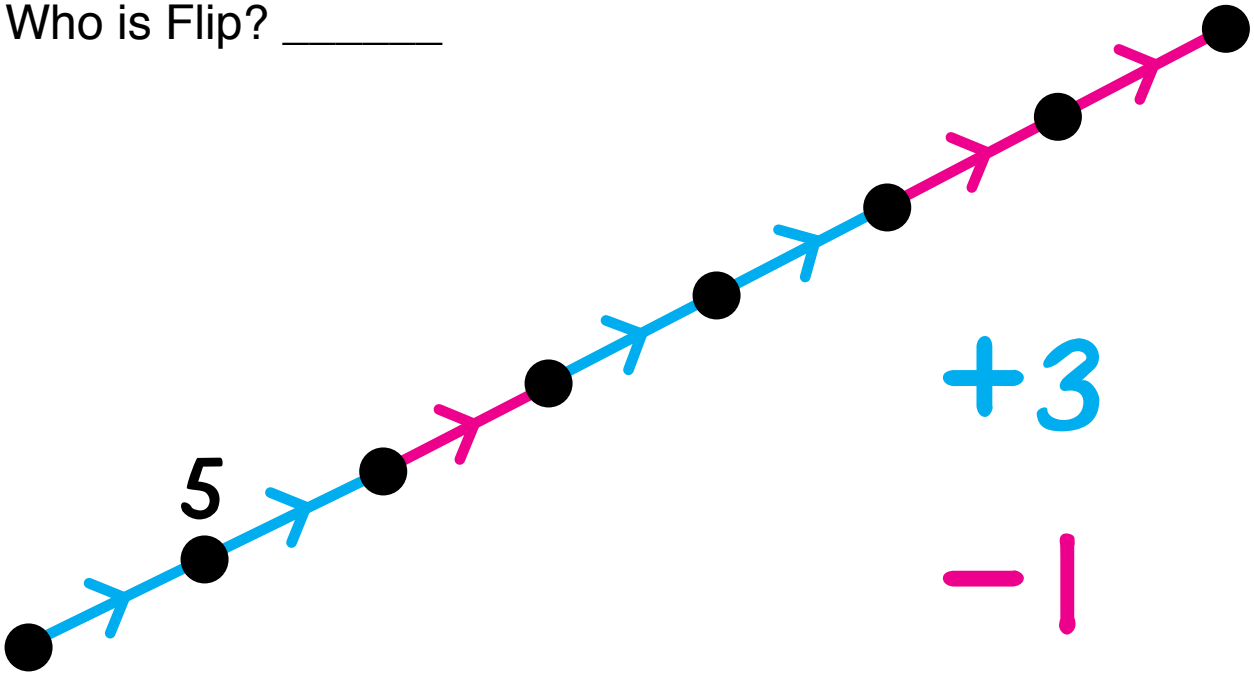


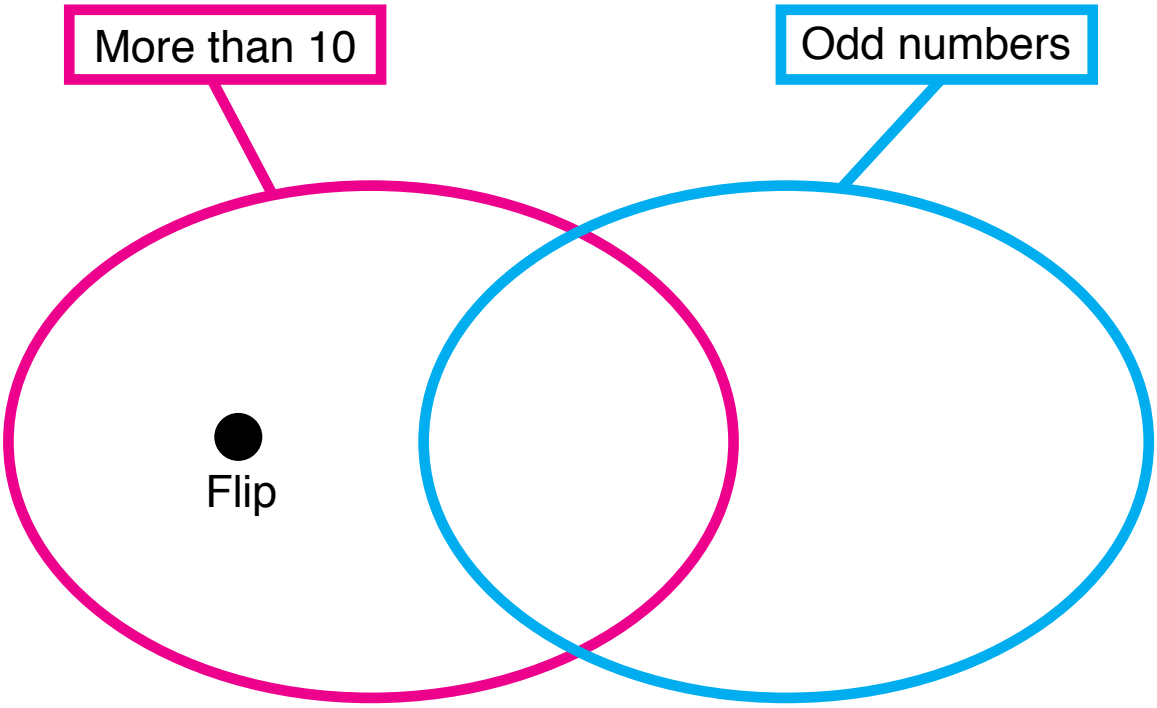
Try to find a shorter zigzag path — do not go in the water. Draw it.

How long is your path? _____ cm

How much shorter? _____ cm

Flip is a secret number.
Flip is in this arrow picture and in this string picture.
Who is Flip? _____

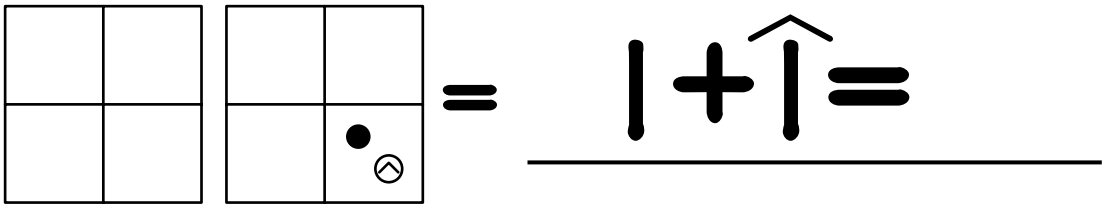


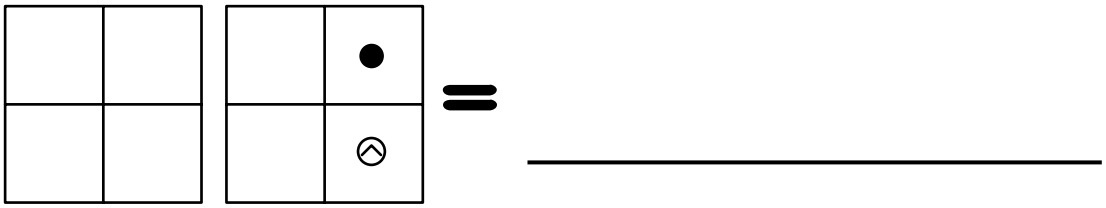


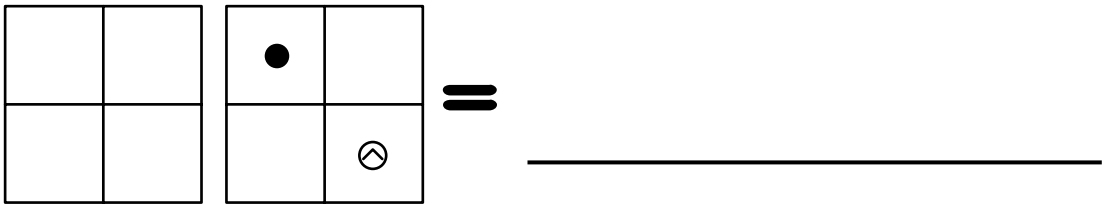
Write number facts for each number. One is done for you.

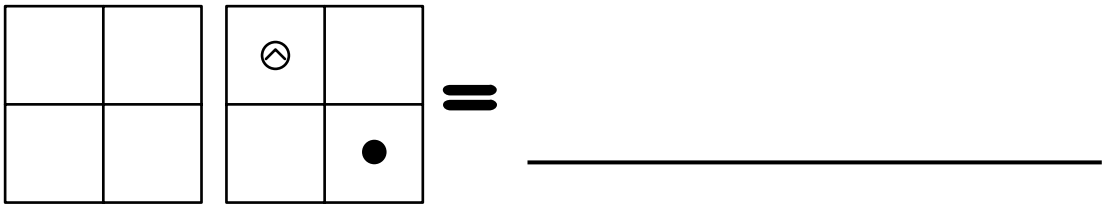
9 6+3	12 2×6
100 $\frac{1}{2}$ ×200	25 26−1

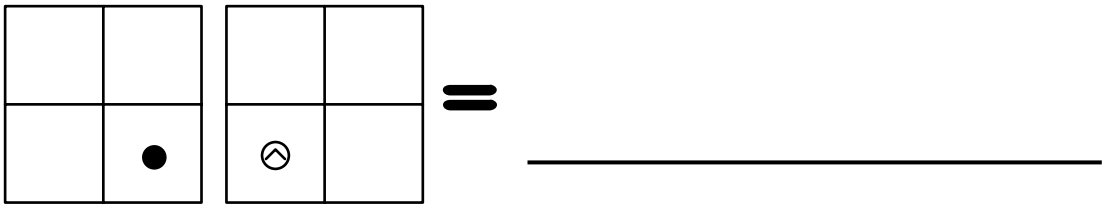
What number is on the Minicomputer?

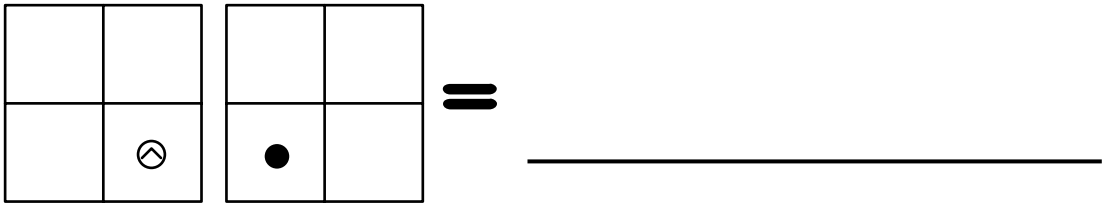




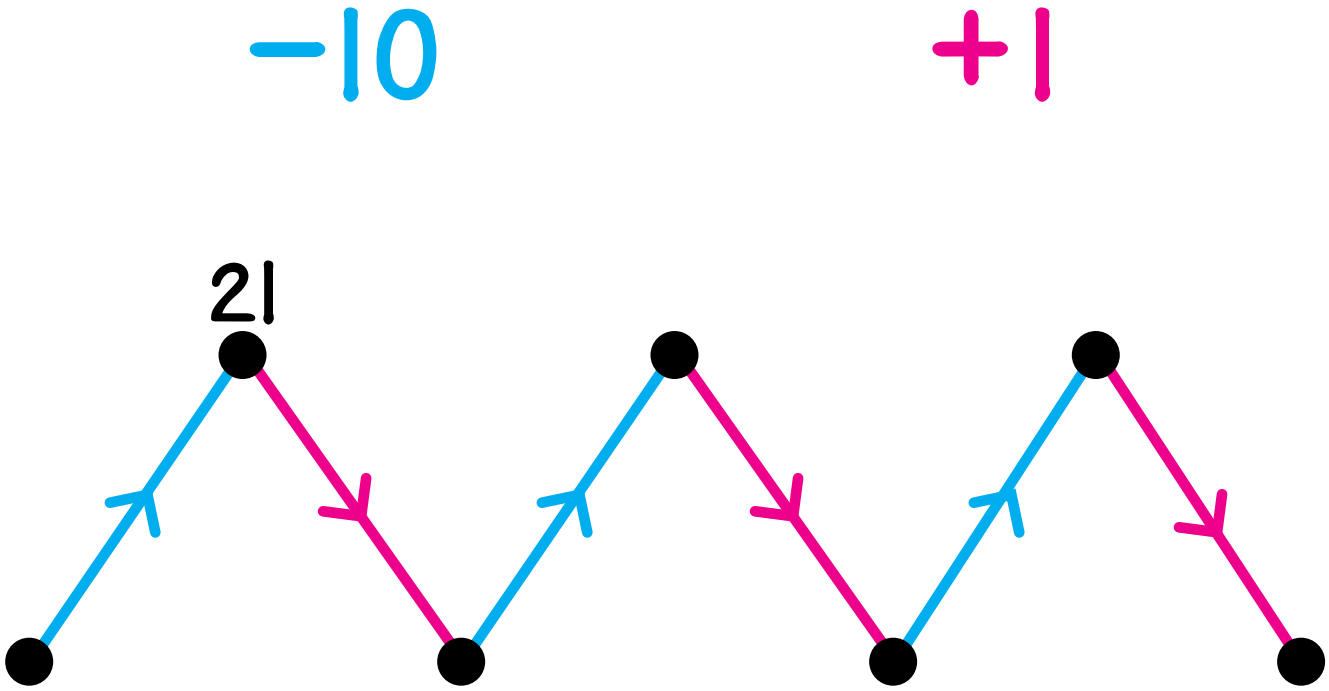








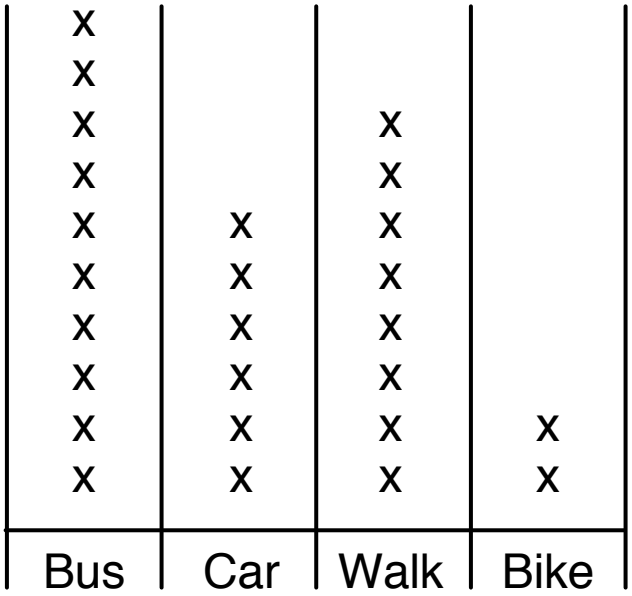
Label the dots. Draw −9 arrows in yellow.



Complete.

21 − 9 = ___	18 − 9 = ___	10 − 9 = ___	15 − 9 = ___	12 − 9 = ___
13 − 9 = ___	16 − 9 = ___	11 − 9 = ___	20 − 9 = ___	17 − 9 = ___

Ms. Cary's class made a graph of the way the students get to school. Each student put an x in the graph.



What way do the most students use to get to school? _____

Do more students come by car or walk to school? _____

How many students walk to school? _____

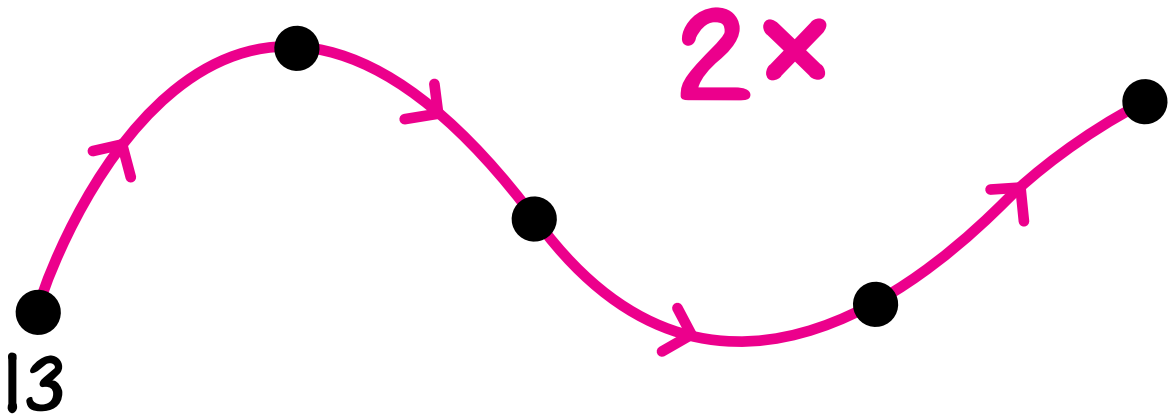
How many students do not ride the bus? _____

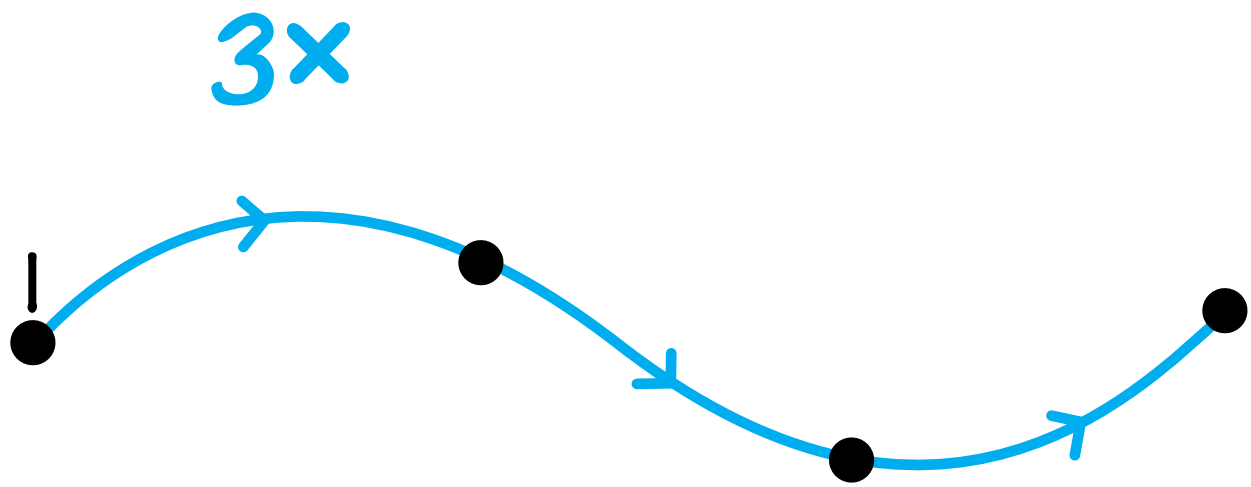
Where would you put an x in the graph? Why? _____

_____

_____

Label the dots.





Complete.

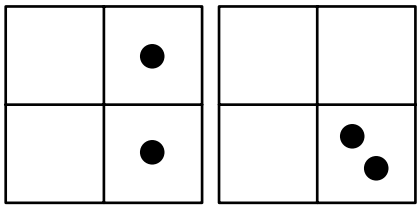
$2 \times 50 =$ ___ $2 \times 100 =$ ___

$3 \times 10 =$ ___ $3 \times 100 =$ ___

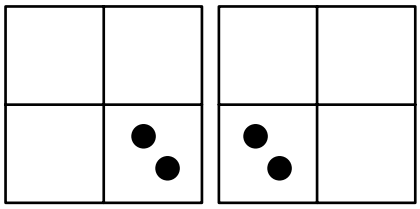
$2 \times 25 =$ ___ $2 \times 13 =$ ___

$3 \times 25 =$ ___ $3 \times 11 =$ ___

What number is on the Minicomputer?



_____



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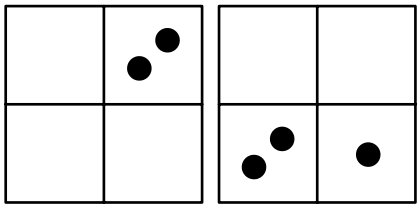

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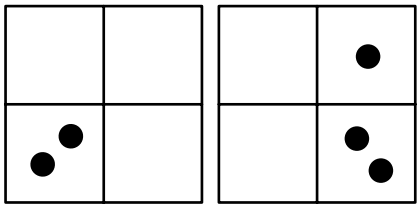

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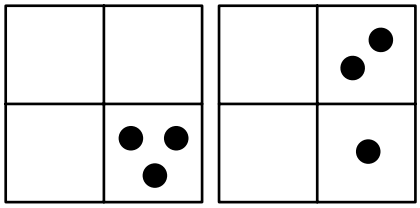

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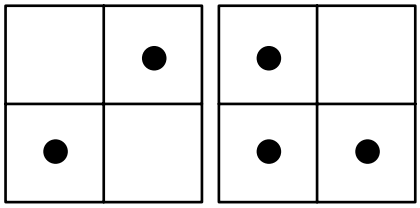

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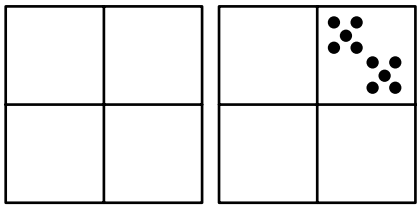

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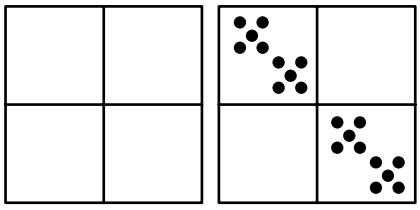

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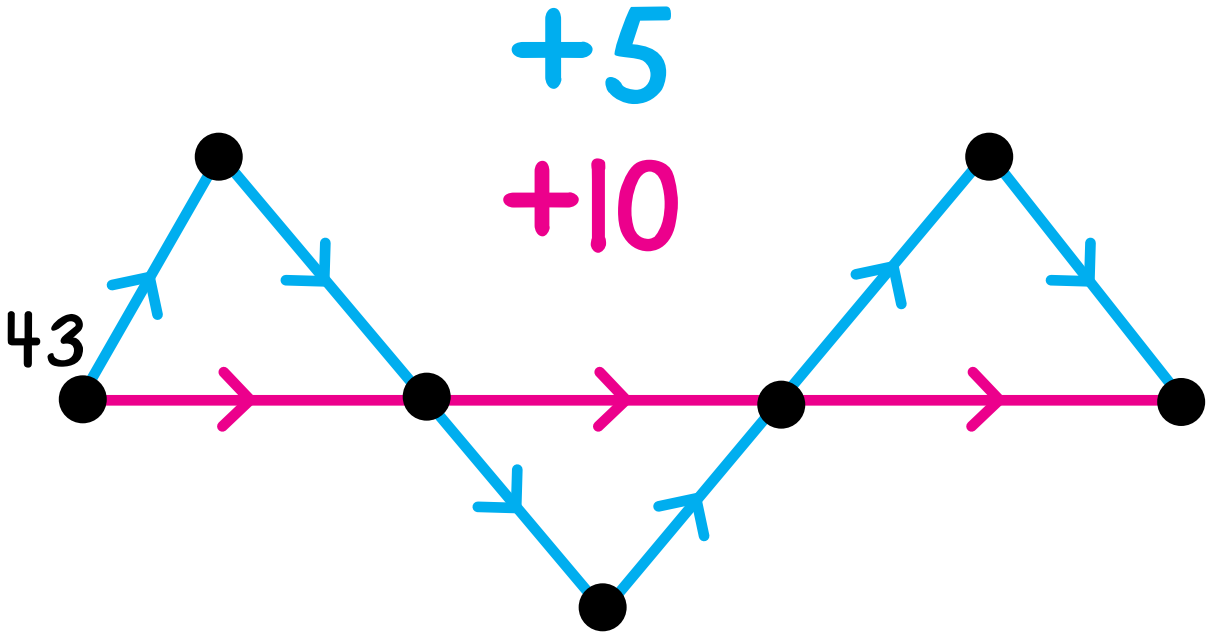
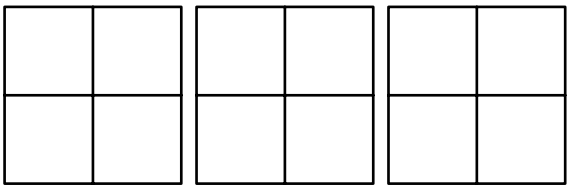
Muf is a secret number. Muf is in this arrow picture.
Label the dots.



Muf can be put on the Minicomputer with two checkers.
Put Muf on the Minicomputer.



Who is Muf? _____

Letter Values

A – 1
B – 2
C – 3
D – 4
E – 5
F – 6
G – 7
H – 8
I – 9
J – 10
K – 11
L – 12
M – 13
N – 14
O – 15
P – 16
Q – 17
R – 18
S – 19
T – 20
U – 21
V – 22
W – 23
X – 24
Y – 25
Z – 26

What is the value of each name?

Harry _____

Zorba _____

Tammy _____

Violet _____

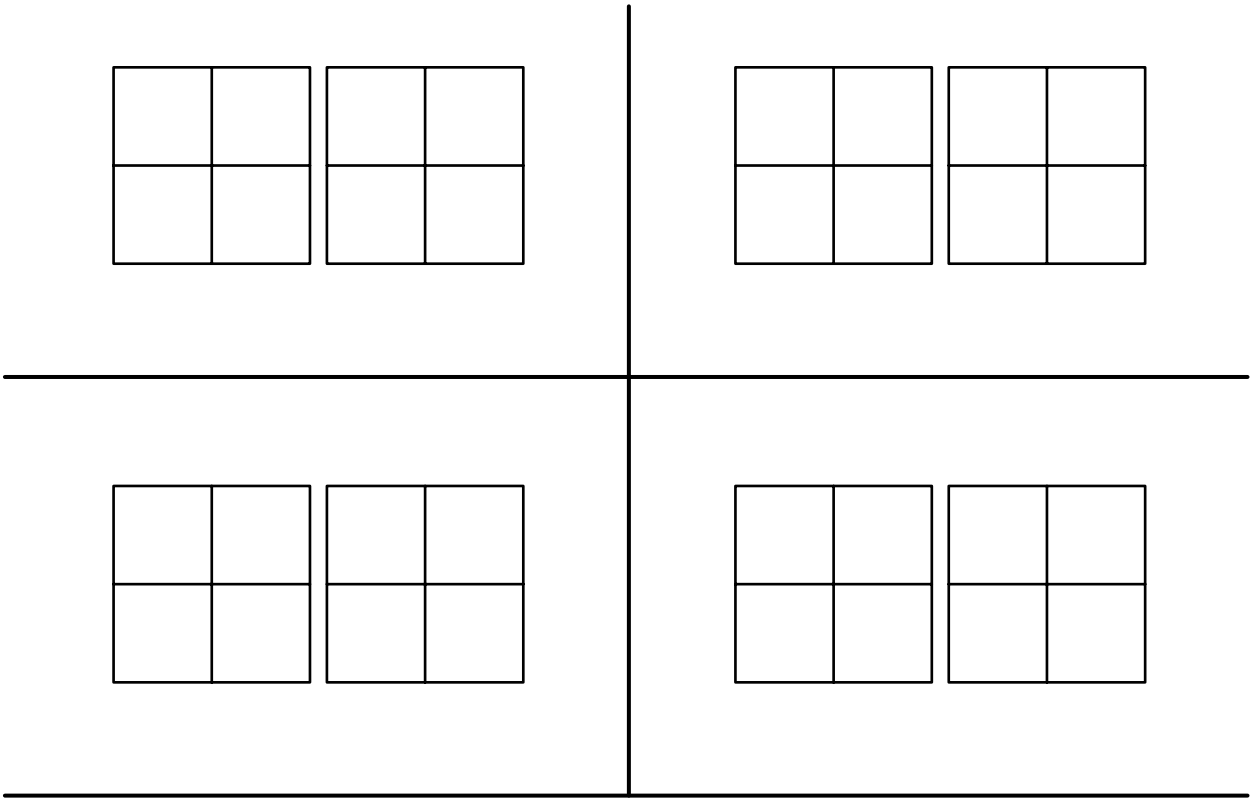
Find a name with value less than 40.

_____

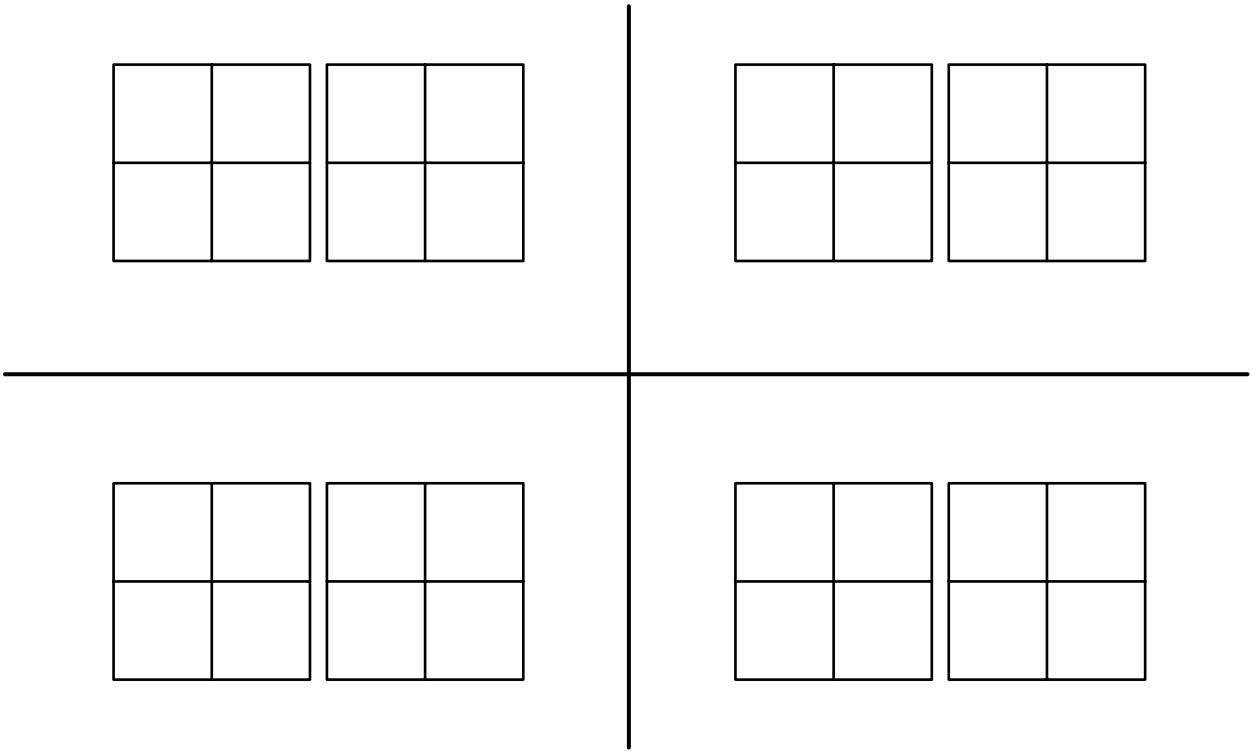
Find a name with value between 50 and 60.

_____

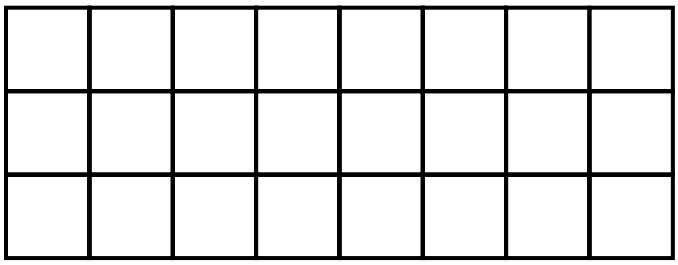
Find four ways to put 200 on the Minicomputer.

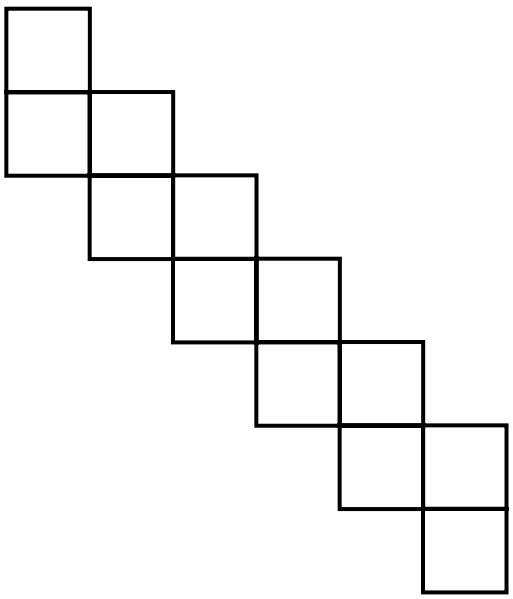


Find four ways to put 2 on the Minicomputer.

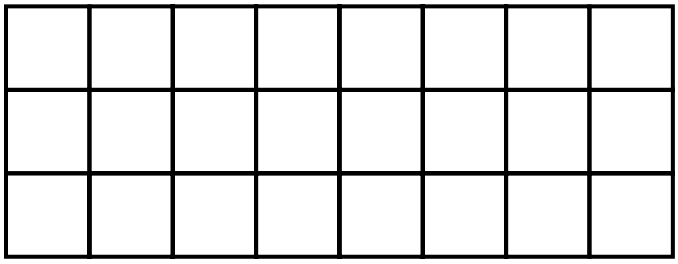


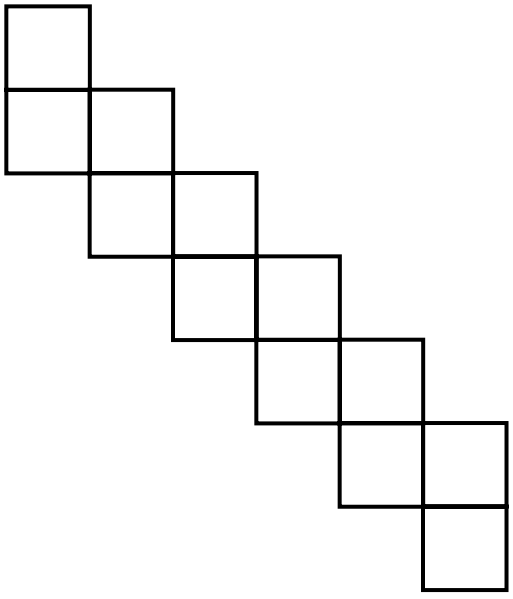
Color one-third of each shape red.



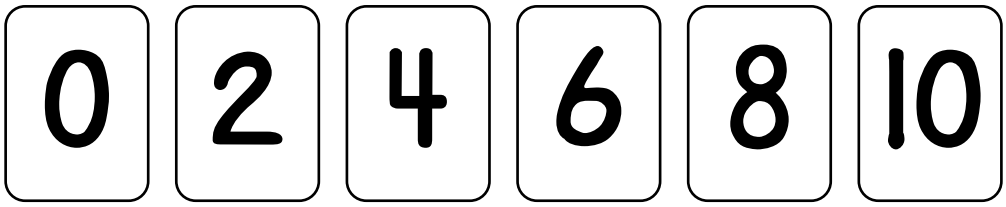


Color one-fourth of each shape blue.





Card Game

Cards: 

Deal out the six cards to two players. Each player gets three cards and adds the numbers.

What is the greatest possible score for one player? _____

What is the least possible score for one player? _____

Could one player get a score of 10? _____
Explain. _____

Could one player get a score of 15? _____
Explain. _____

Could the two players get the same score? _____
Explain. _____

What are some possible scores? _____

Do you think you found all the possible scores? _____
Explain. _____