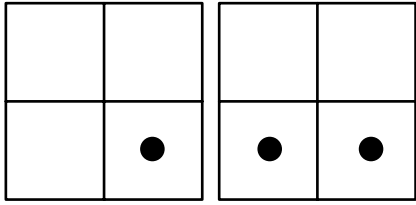
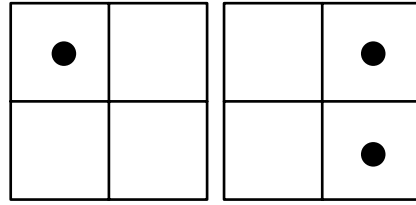
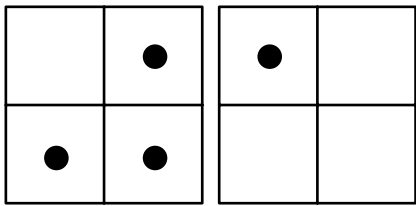


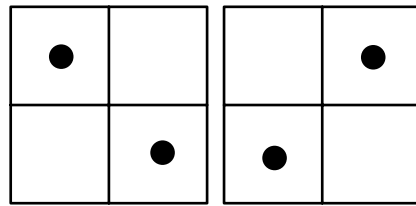
Caravan of Problems #2

What number is on the Minicomputer?

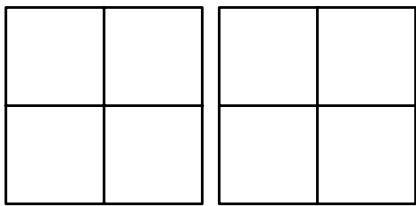




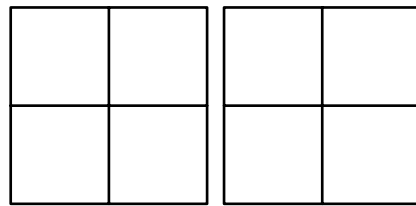




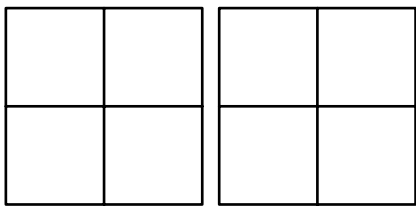
Put these numbers on the Minicomputer.



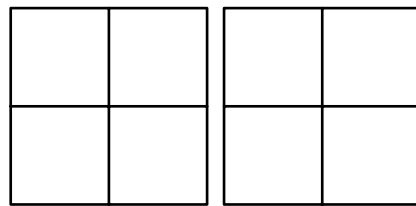
29



64

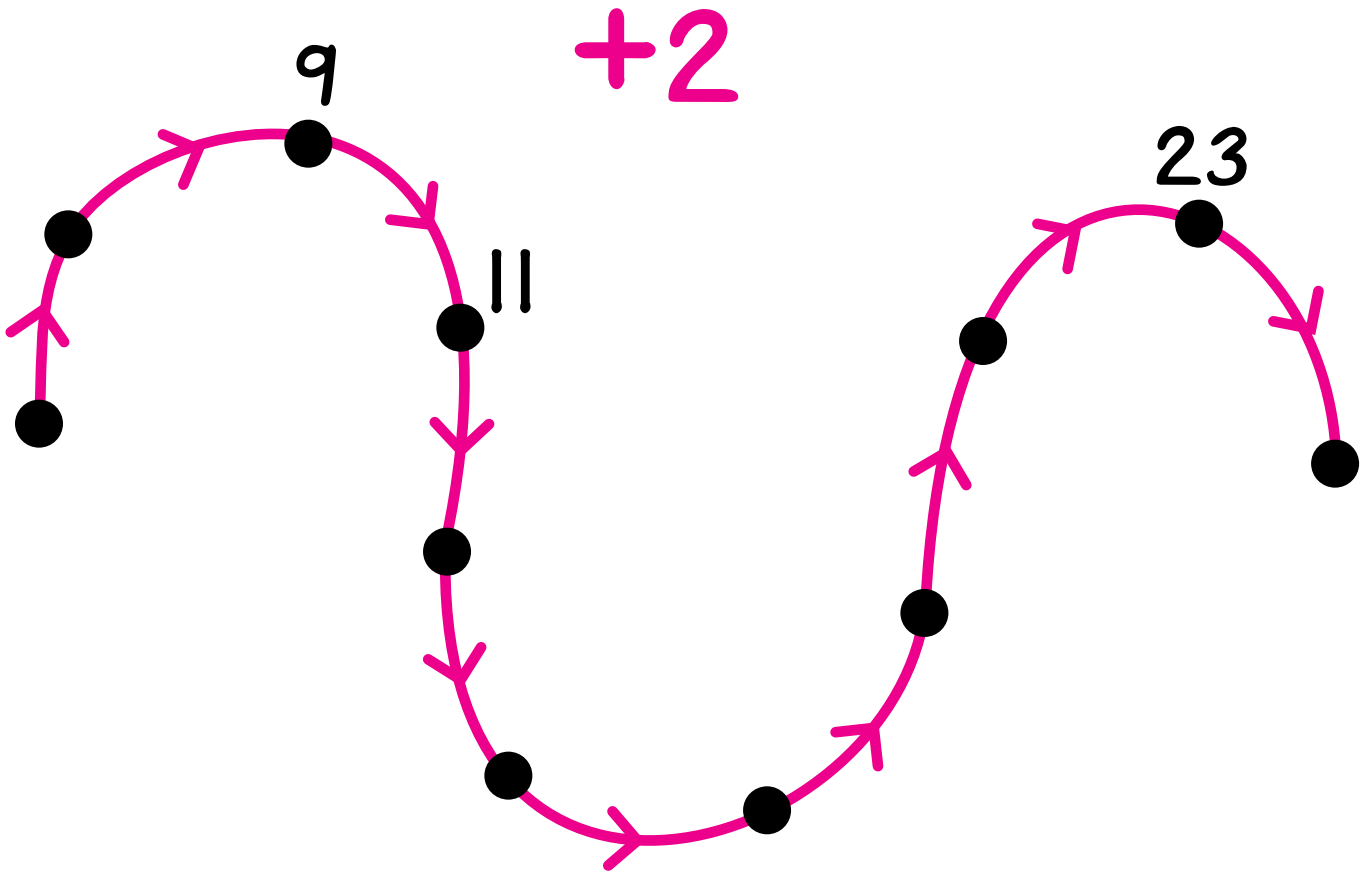


37



50

Label the dots.



Complete.

$$\begin{array}{r} 25 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ +2 \\ \hline \end{array}$$

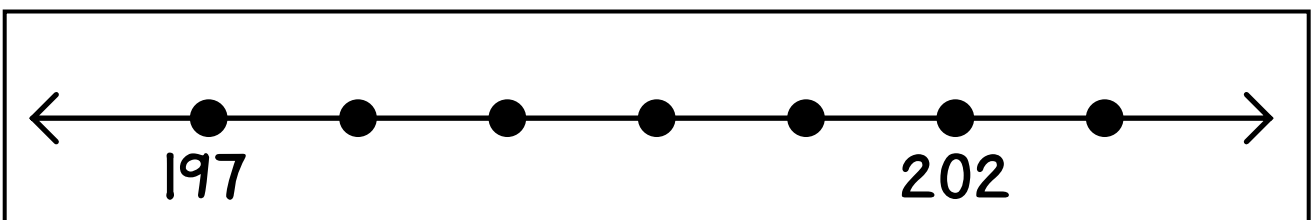
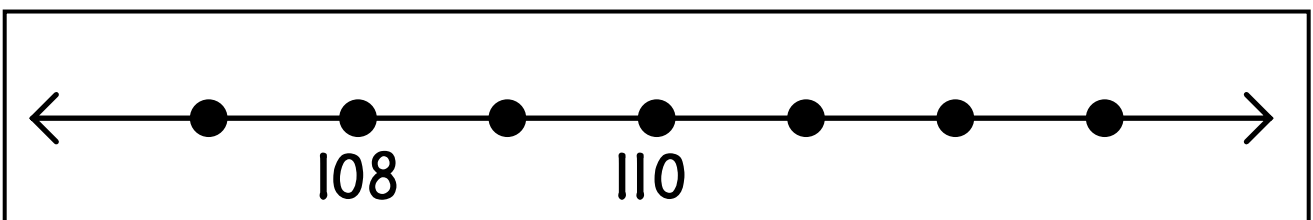
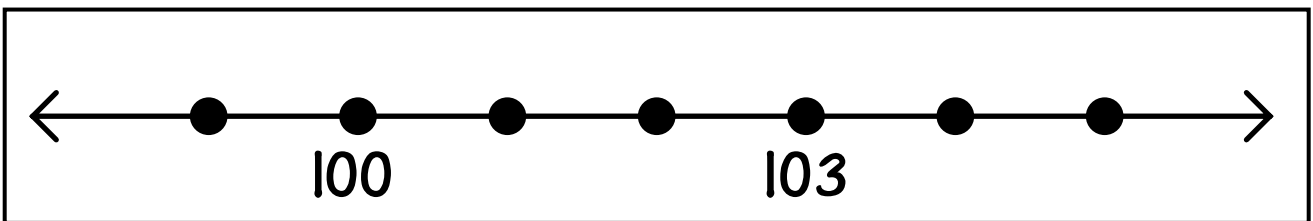
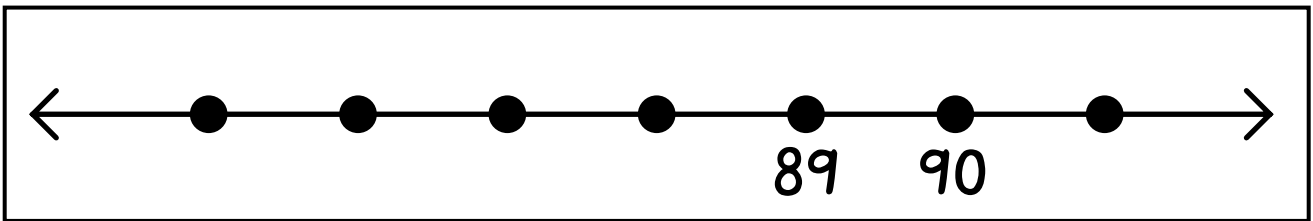
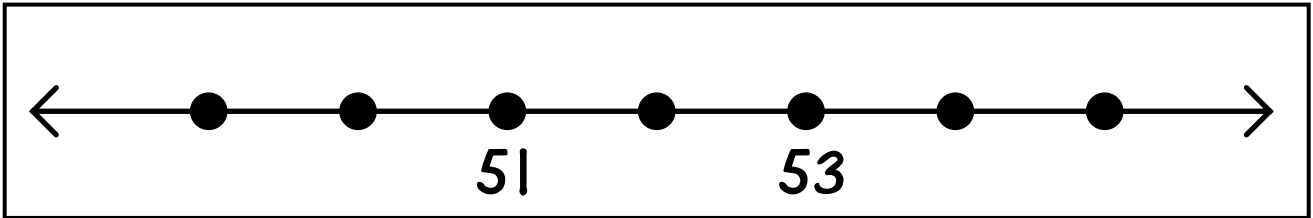
$$\begin{array}{r} 57 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ +2 \\ \hline \end{array}$$

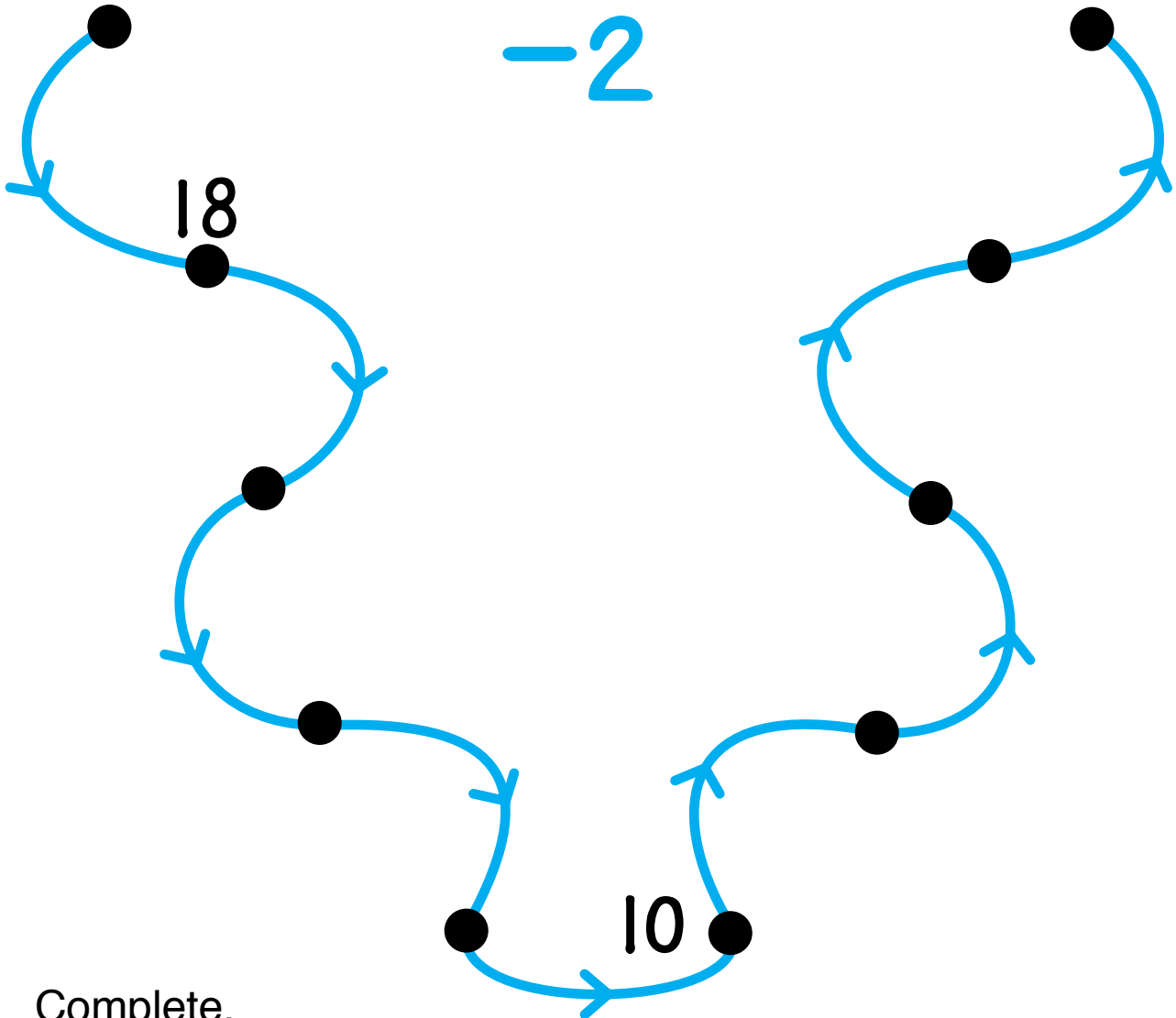
$$\begin{array}{r} 100 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ +2 \\ \hline \end{array}$$

Label the dots on these number lines.



Label the dots.



Complete.

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ -2 \\ \hline \end{array}$$

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

The diagram consists of two overlapping circles. The left circle is pink and has a label 'Square' with a square icon. The right circle is blue and has a label 'Big' with a square icon. Below the circles are two black dots. A line connects the left dot to a small blue triangle. At the bottom are six shapes: a large pink circle, a small pink square, a small blue triangle, a large blue square, a small blue circle, and a large pink triangle.

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

~~537~~

52

25

615

540

215

451

658

150

503

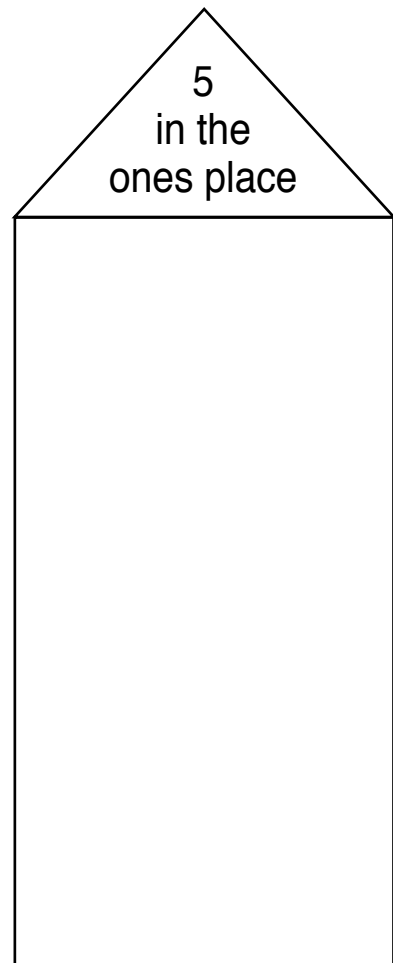
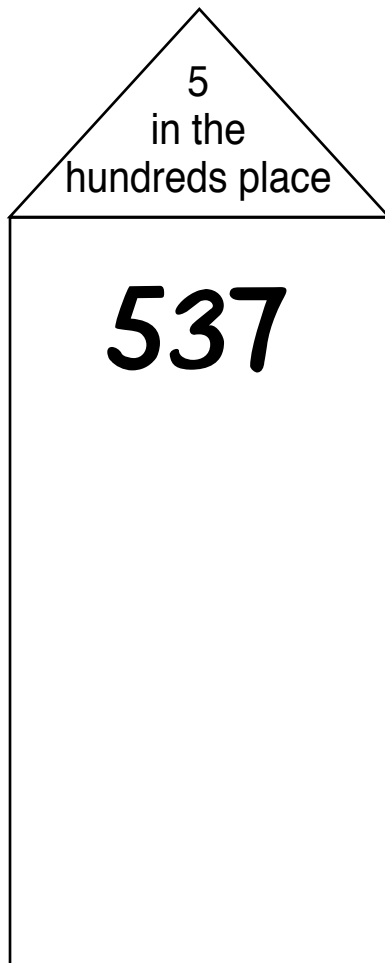
195

305

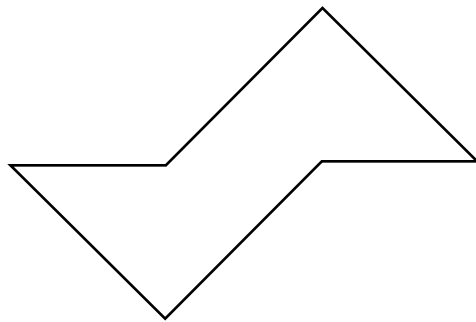
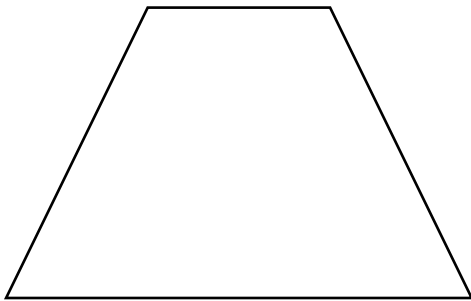
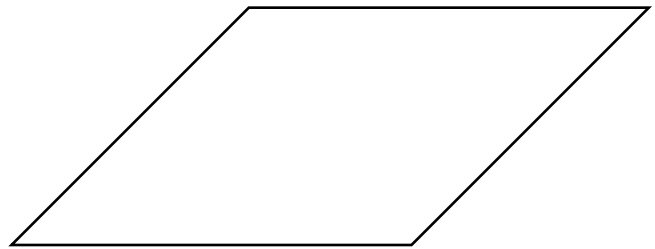
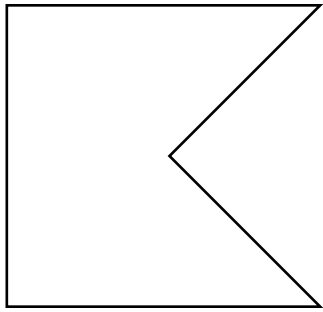
159

500

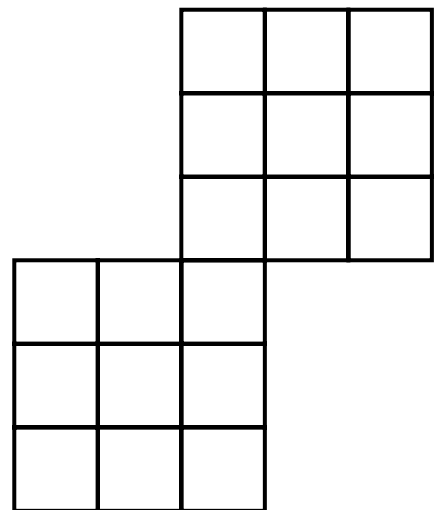
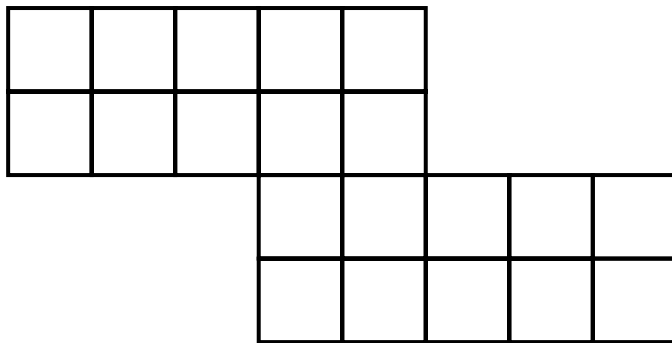
521



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.

$+10$

53
●

$+1$

●
0

Put these numbers on the Minicomputer.

425

239

807

560

What number is on the Minicomputer?

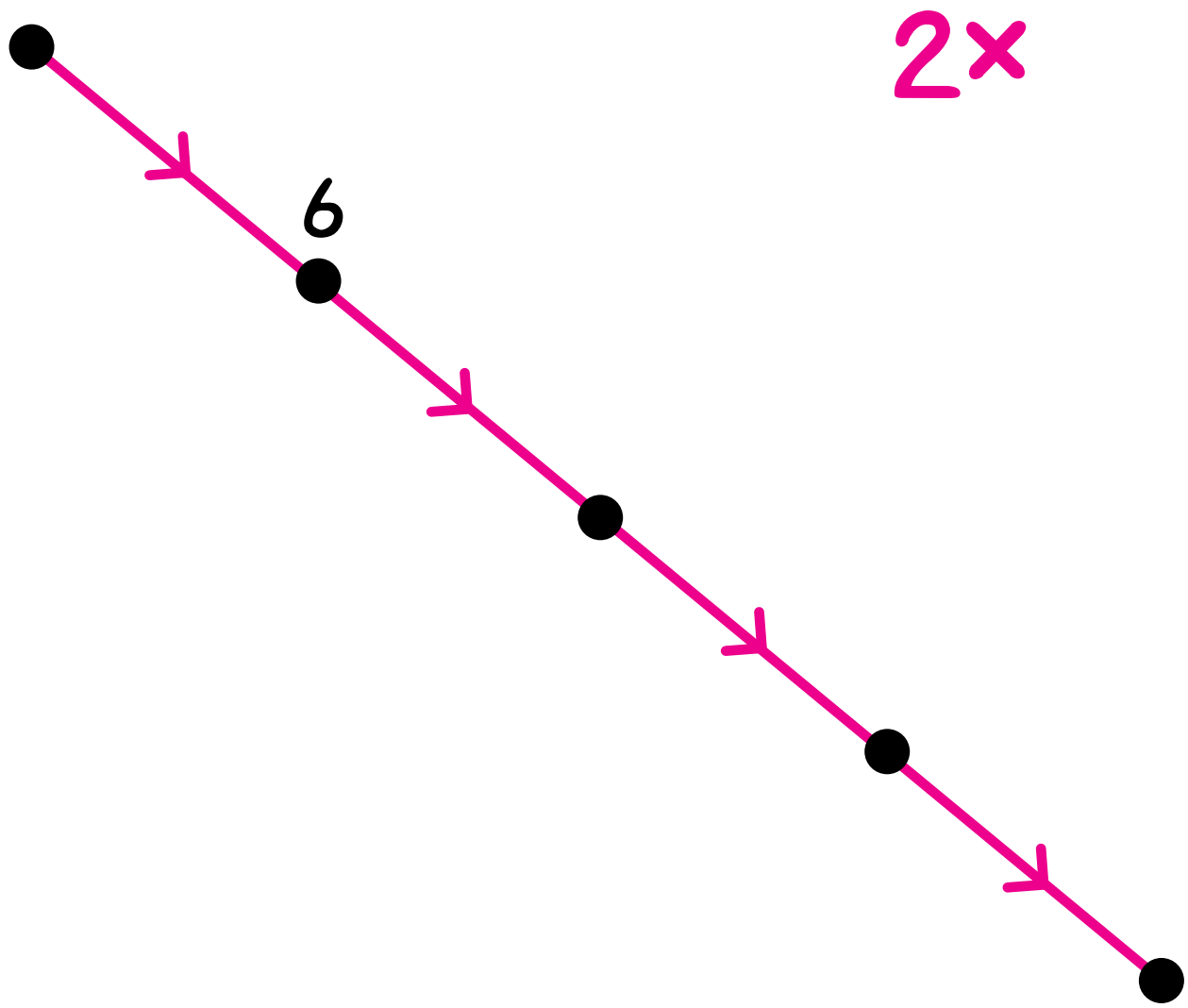
			•		•
	•	•	•		•

•	•	•	•		

		•			•
				•	

•					•
	•				

Label the dots.



Complete.

$$2 \times 4 = \underline{\quad}$$

$$2 \times 5 = \underline{\quad}$$

$$2 \times 7 = \underline{\quad}$$

$$2 \times 11 = \underline{\quad}$$

$$\begin{array}{r} 21 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 2 \\ \hline \end{array}$$

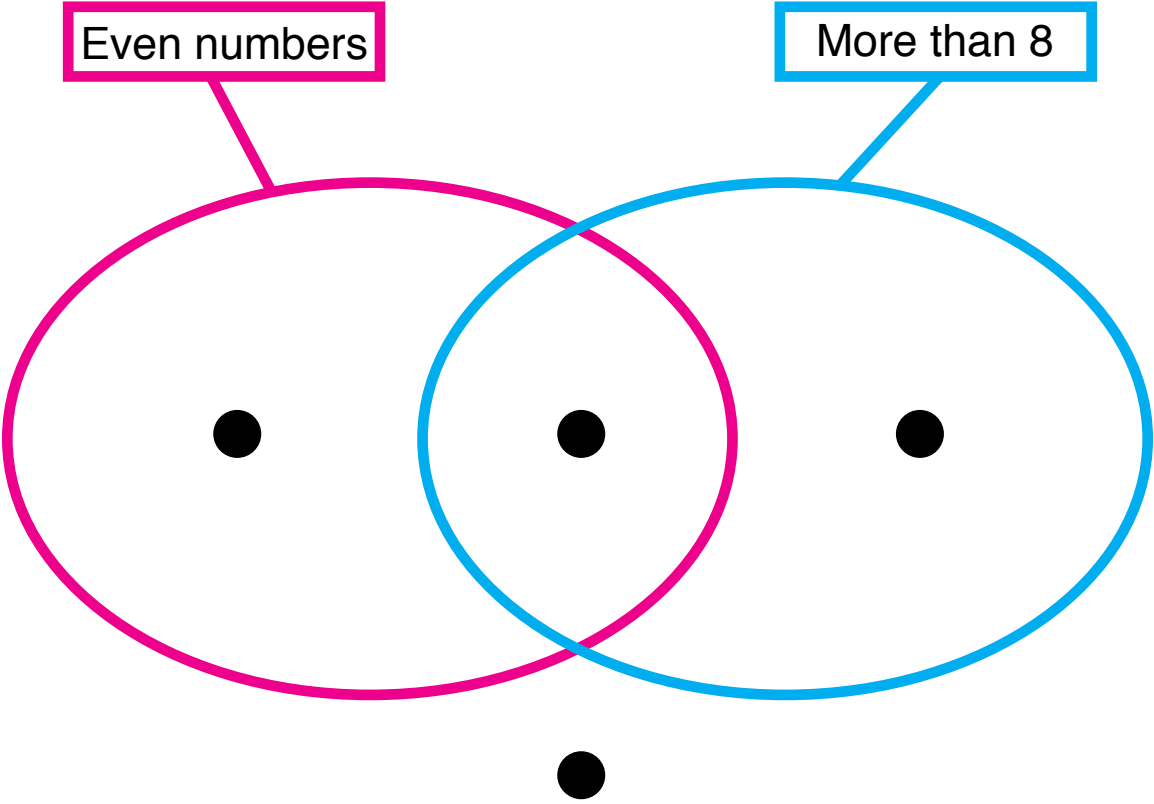
Label the dots in this picture with these numbers:

2

5

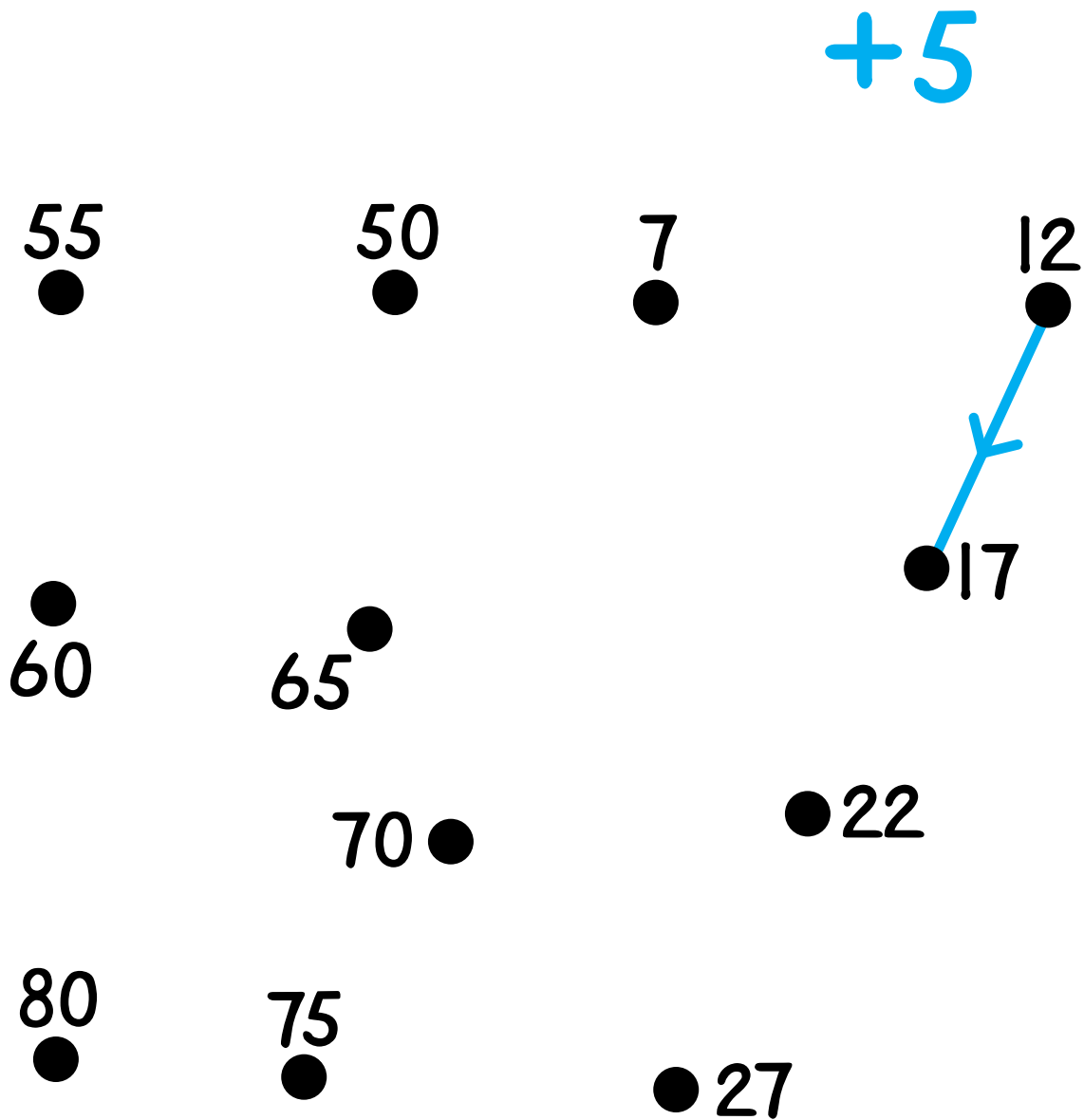
10

15



Put three more numbers in the string picture.

Draw all **+5** arrows in blue.



Complete.

$$\begin{array}{r} 27 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ +5 \\ \hline \end{array}$$

Calculate.

$$\begin{array}{r} 25 \\ +15 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ +64 \\ \hline \end{array}$$

$$\begin{array}{r} 350 \\ +240 \\ \hline \end{array}$$

$$\begin{array}{r} 416 \\ +322 \\ \hline \end{array}$$

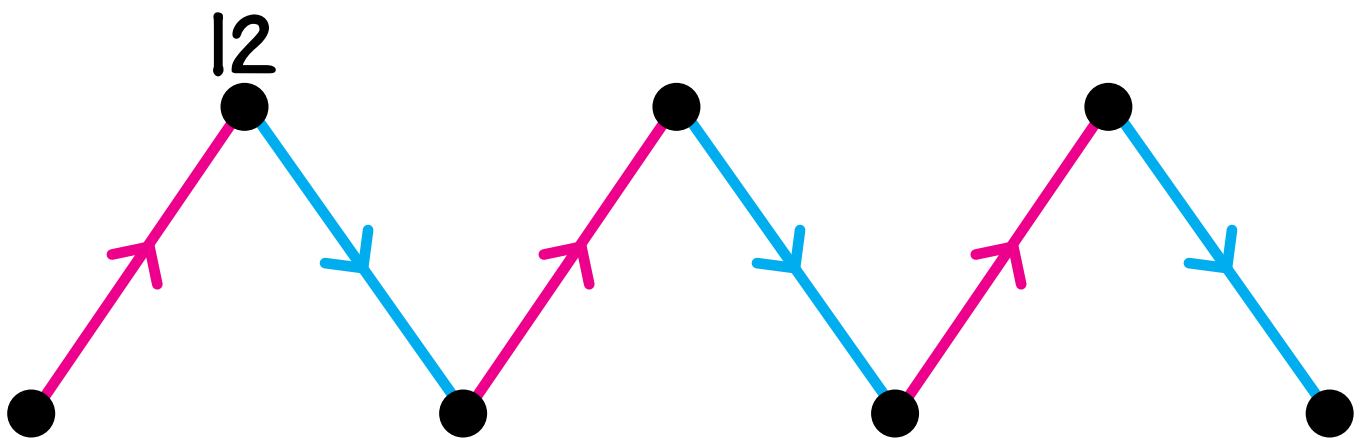
$$\begin{array}{r} 512 \\ +329 \\ \hline \end{array}$$

$$\begin{array}{r} 321 \\ +284 \\ \hline \end{array}$$

Label the dots. Draw $+9$ arrows in green.

$+10$

-1



Complete.

$$\begin{array}{r} 2 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +9 \\ \hline \end{array}$$

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.

$$\overline{12-4}$$

$$\overline{3 \times 5}$$

$$\overline{24-1}$$

$$\overline{4 \times 5}$$

$$\overline{10-9}$$

$$\overline{2 \times 6}$$

$$\overline{7+5}$$

$$\overline{20-19}$$

$$\overline{2 \times 9}$$

$$\overline{10-5}$$

$$\overline{5 \times 5}$$

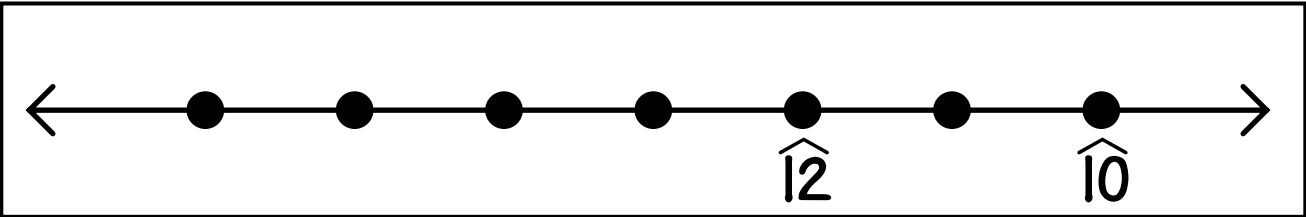
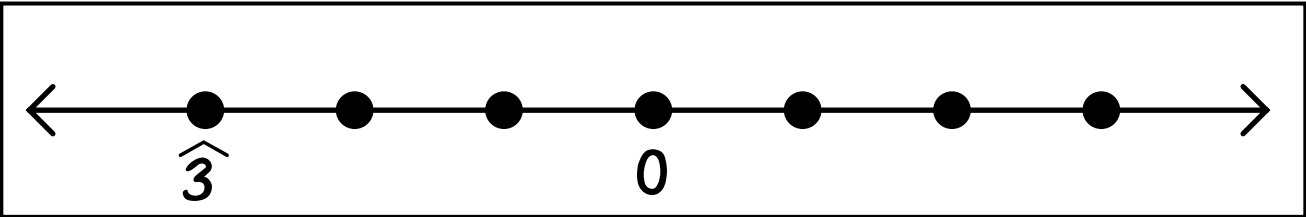
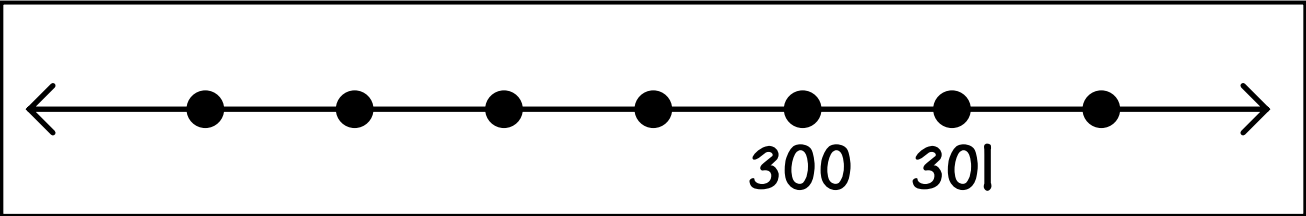
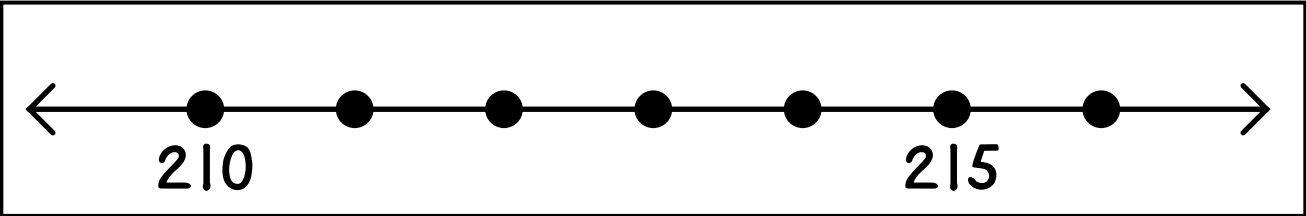
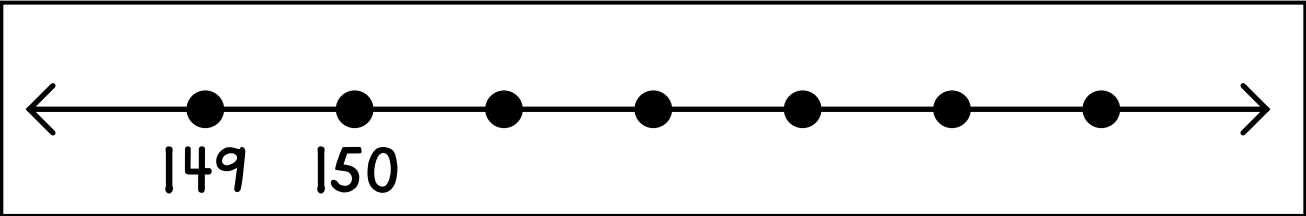
$$\overline{8+7}$$

$$\overline{30-9}$$

?

Answer: _____ cm

Label the dots on these number lines.



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

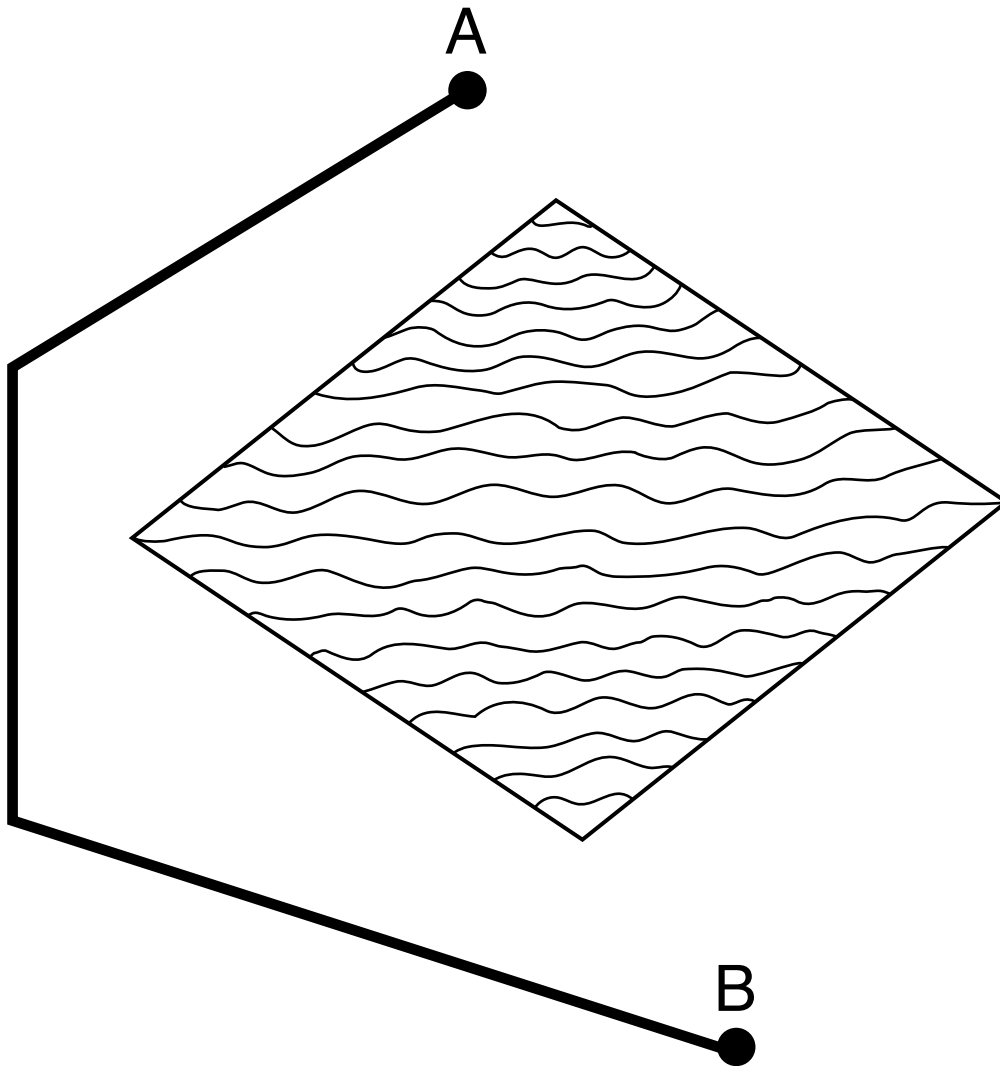
6
●

$+10$

$+1$

● 81

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.

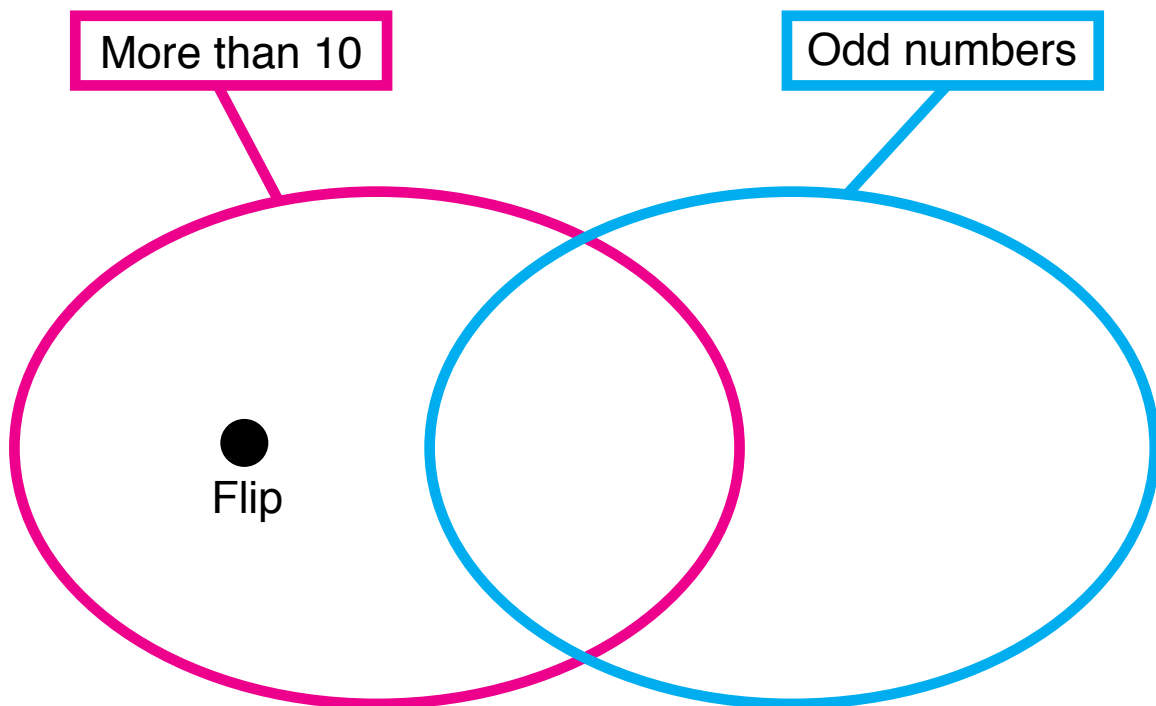
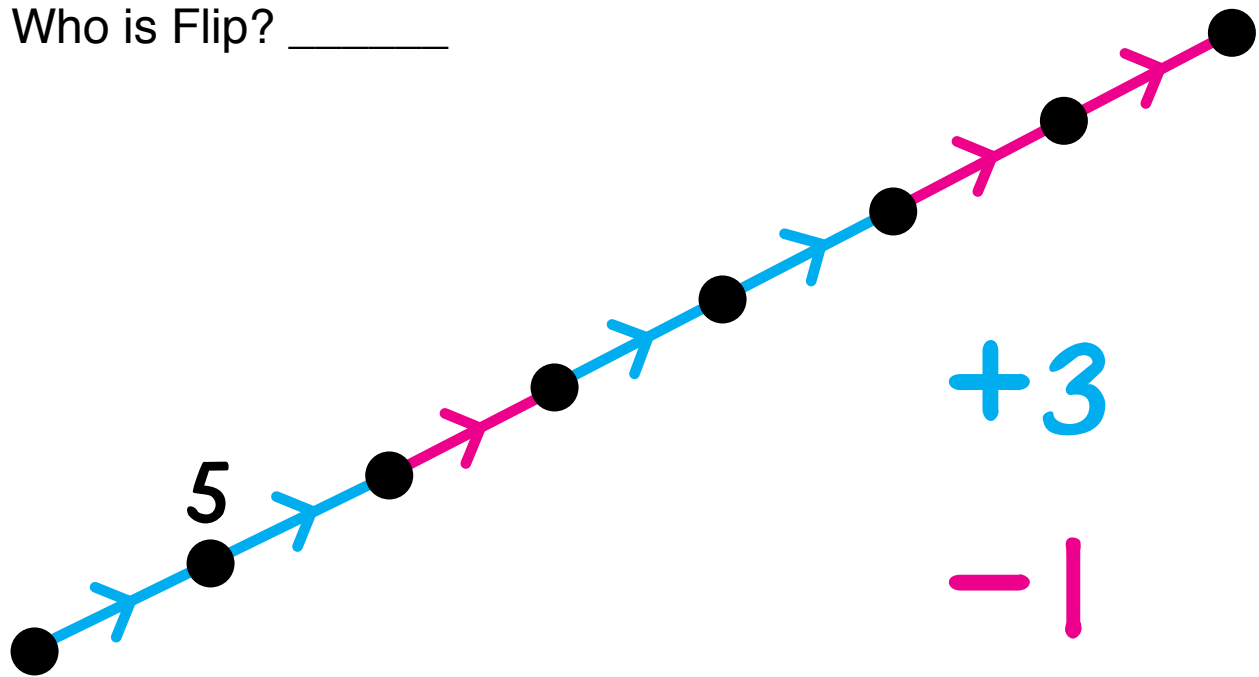
How long is your path? _____ cm

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

$$2 \times 6$$

100

$$\frac{1}{2} \times 200$$

25

$$26-1$$

What number is on the Minicomputer?

	● ⊕

 $=$ $1 + 1 =$

	●
	⊕

 $=$

●	
	⊕

 $=$

⊕	
	●

 $=$

	●

⊕	

 $=$

	⊕

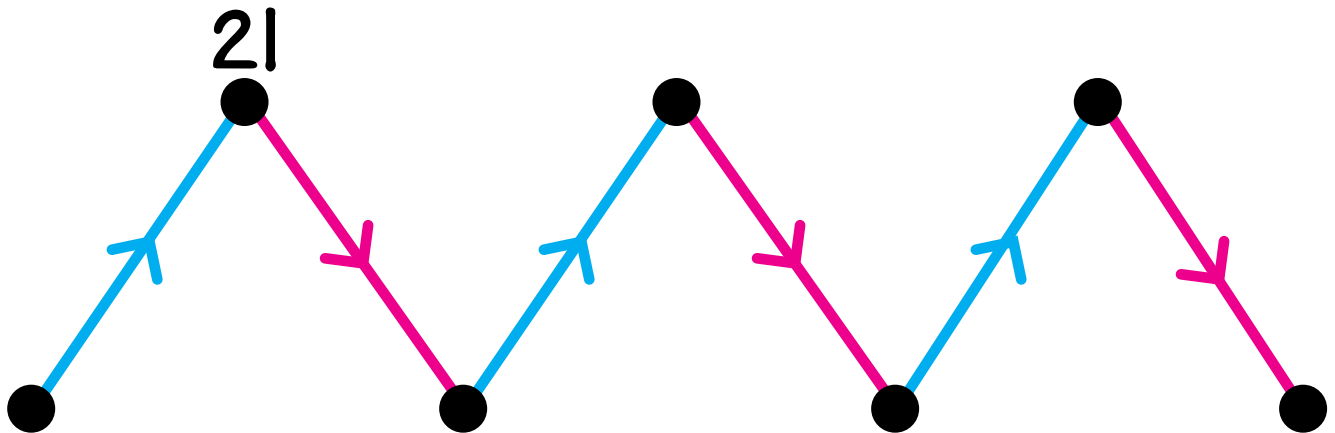
●	

 $=$

Label the dots. Draw -9 arrows in yellow.

-10

$+1$



Complete.

$$\begin{array}{r} 21 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

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

X			
X			
X			
X		X	
X	X	X	
X	X	X	
X	X	X	
X	X	X	
X	X	X	X
X	X	X	X
Bus	Car	Walk	Bike

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

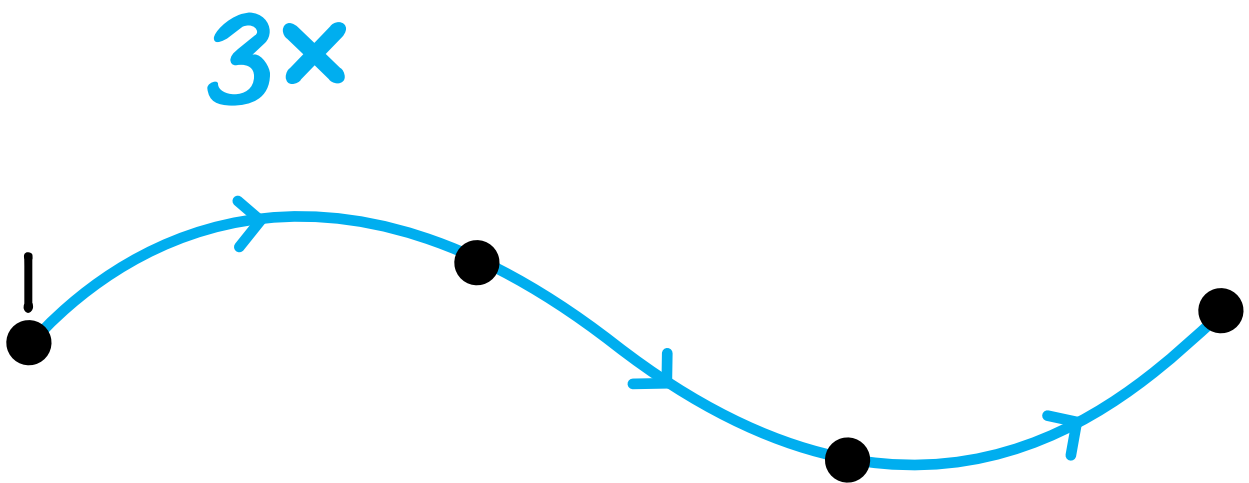
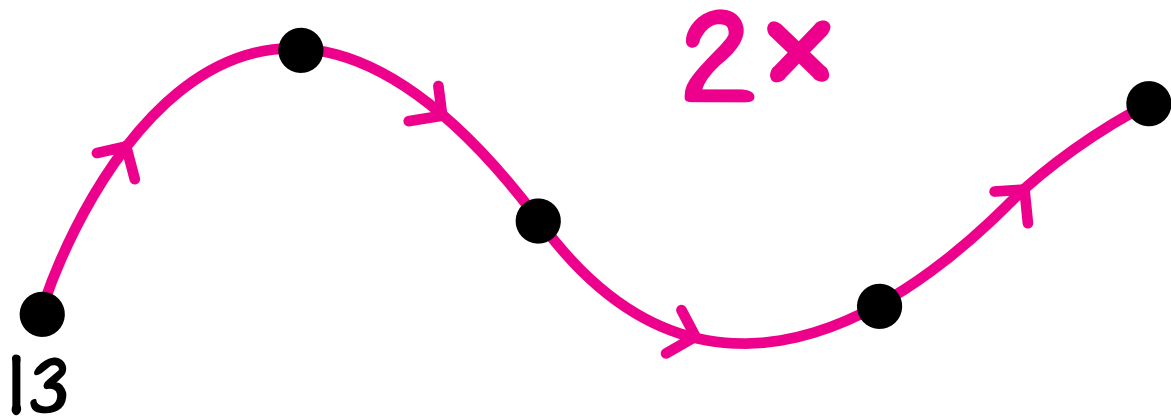
Do more students come by car or walk to school? _____

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.

$2 \times 50 = \underline{\quad}$

$2 \times 100 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 100 = \underline{\quad}$

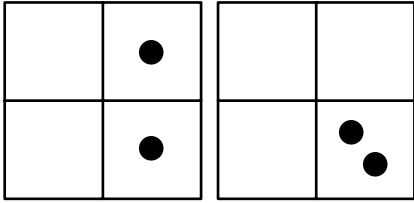
$2 \times 25 = \underline{\quad}$

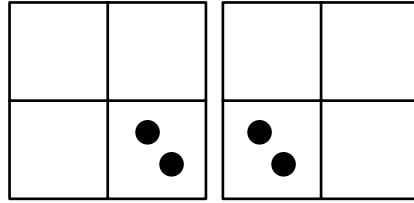
$2 \times 13 = \underline{\quad}$

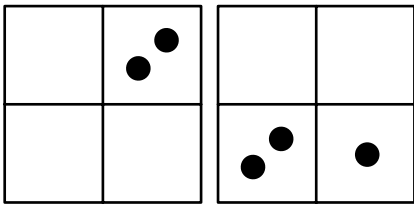
$3 \times 25 = \underline{\quad}$

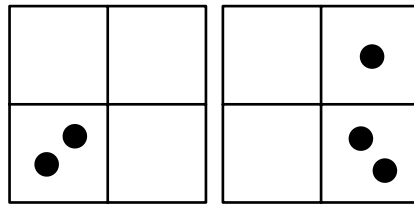
$3 \times 11 = \underline{\quad}$

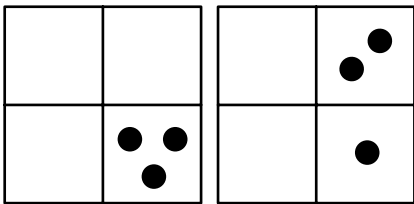
What number is on the Minicomputer?

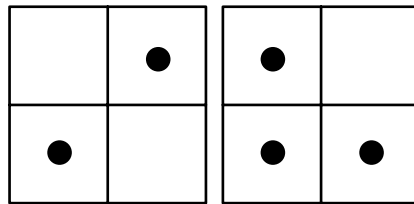


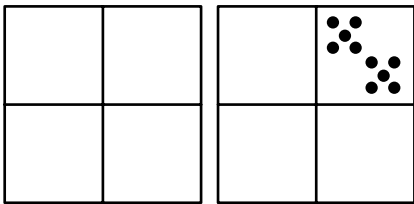


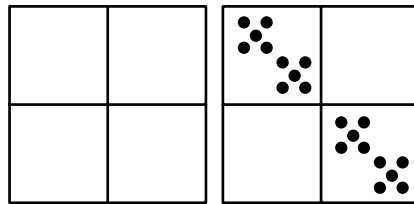




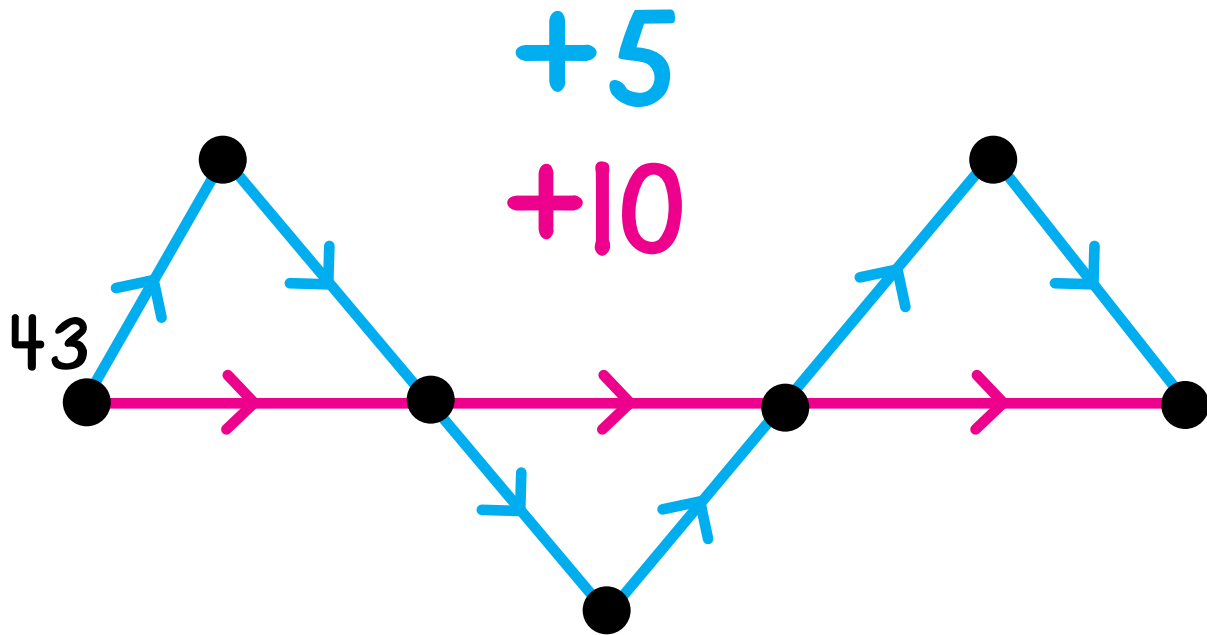




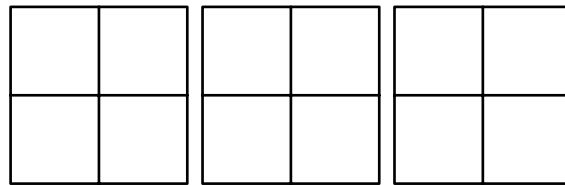




Muf is a secret number. Muf is in this arrow picture.
Label the dots.



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 _____

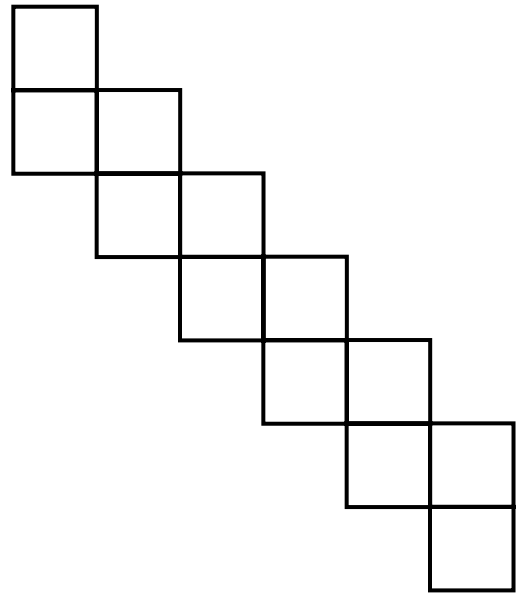
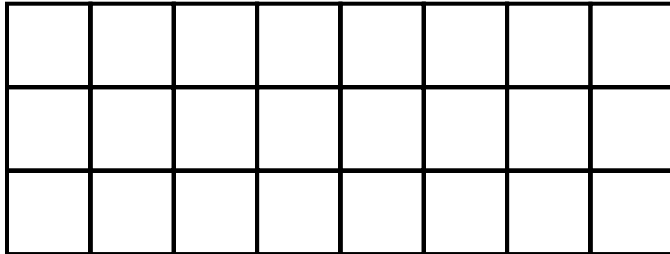
Find a name with value less than 40.

Find a name with value between 50 and 60.

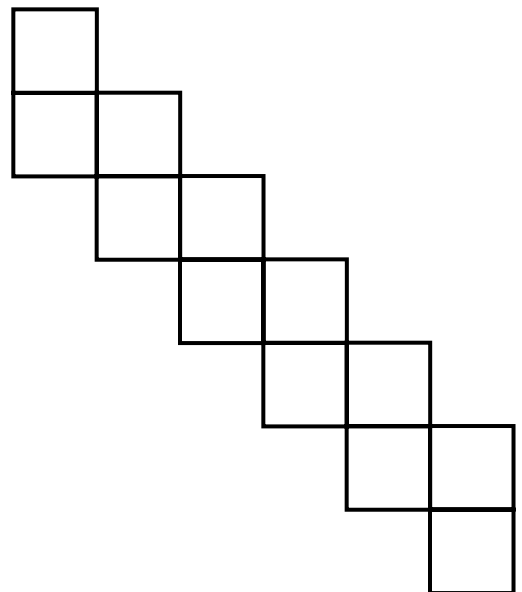
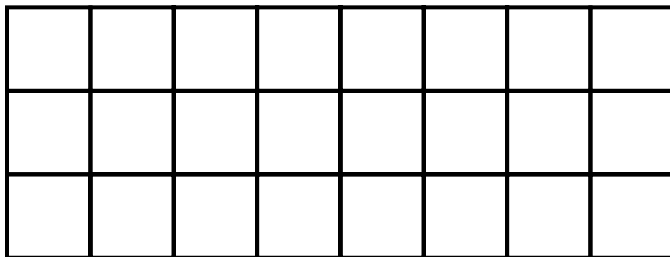
Find four ways to put 200 on the Minicomputer.

Find four ways to put 2 on the Minicomputer.

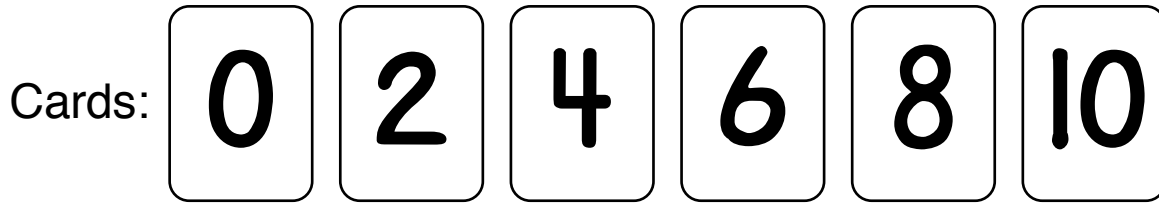
Color one-third of each shape red.



Color one-fourth of each shape blue.



Card Game



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. _____