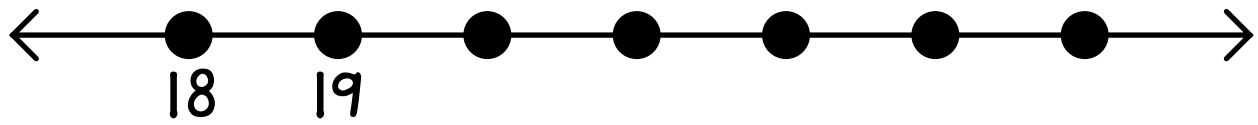
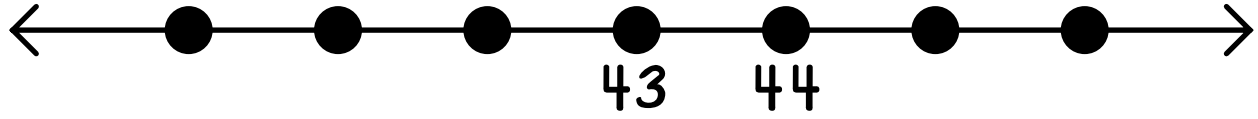
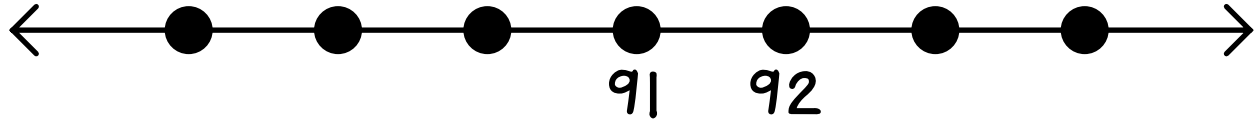
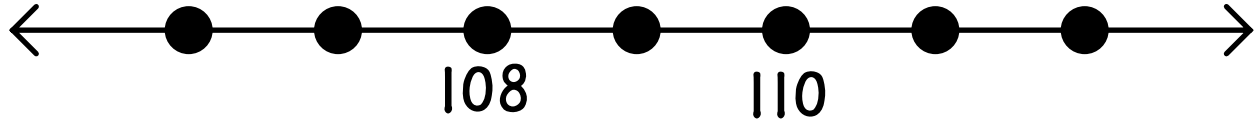
Catalog of Problems #2

Label the dots on the number lines.

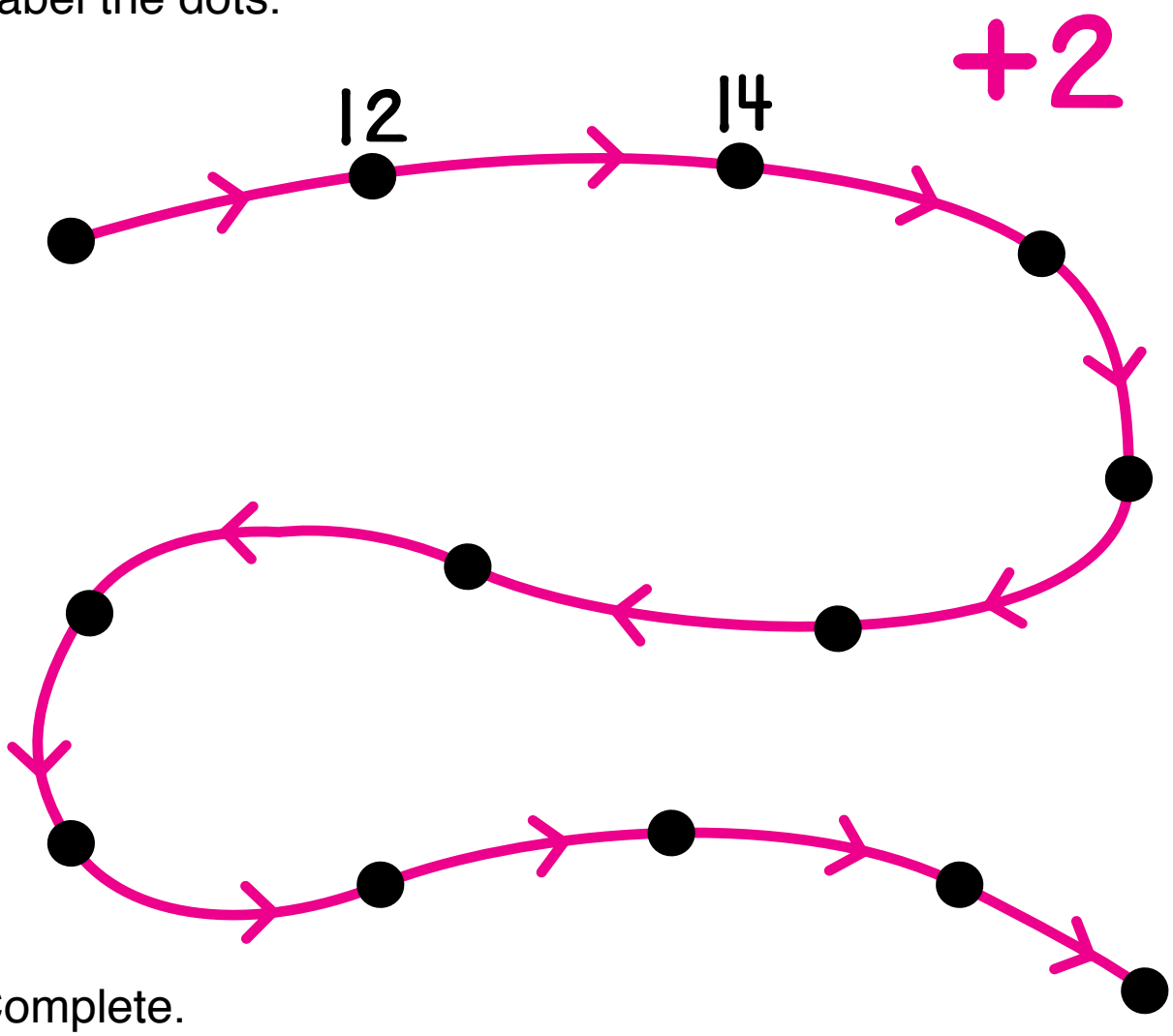








Label the dots.

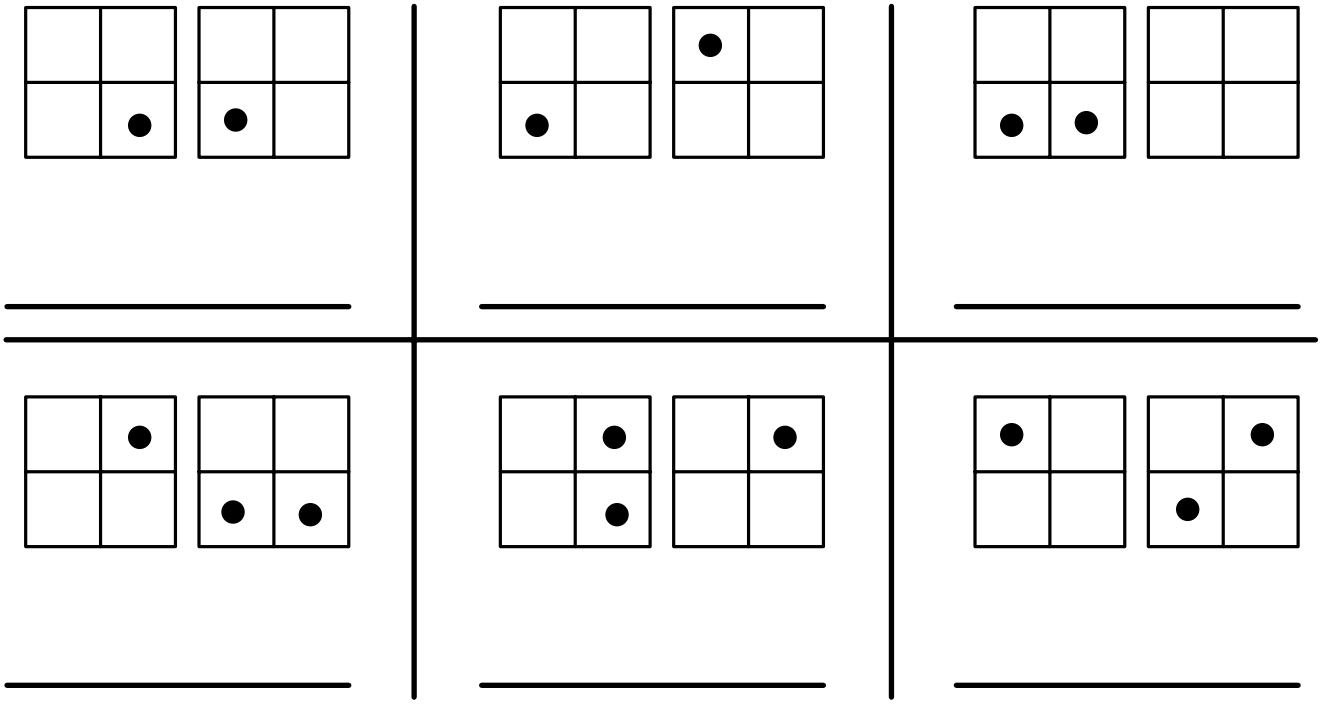


Complete.

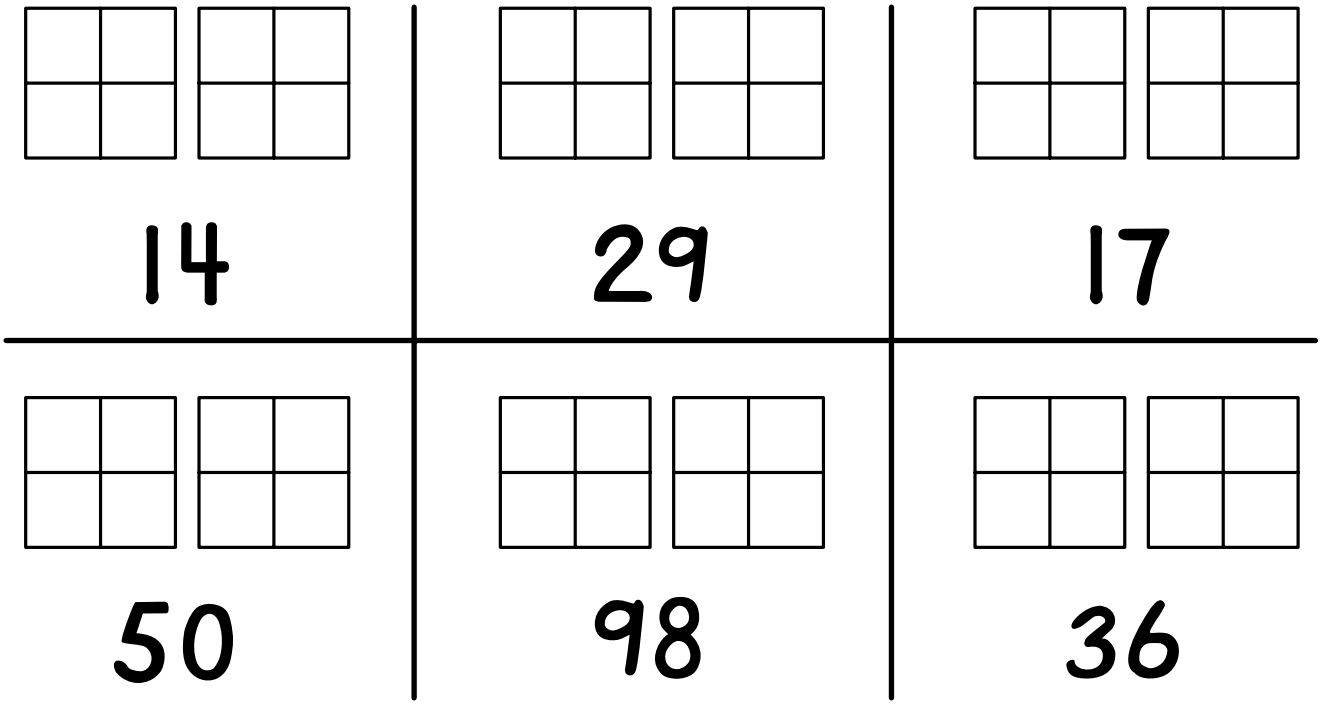
16	25	33	87	104
+2	+2	+2	+2	+2
____	____	____	____	____

48+2=____ 92+2=____

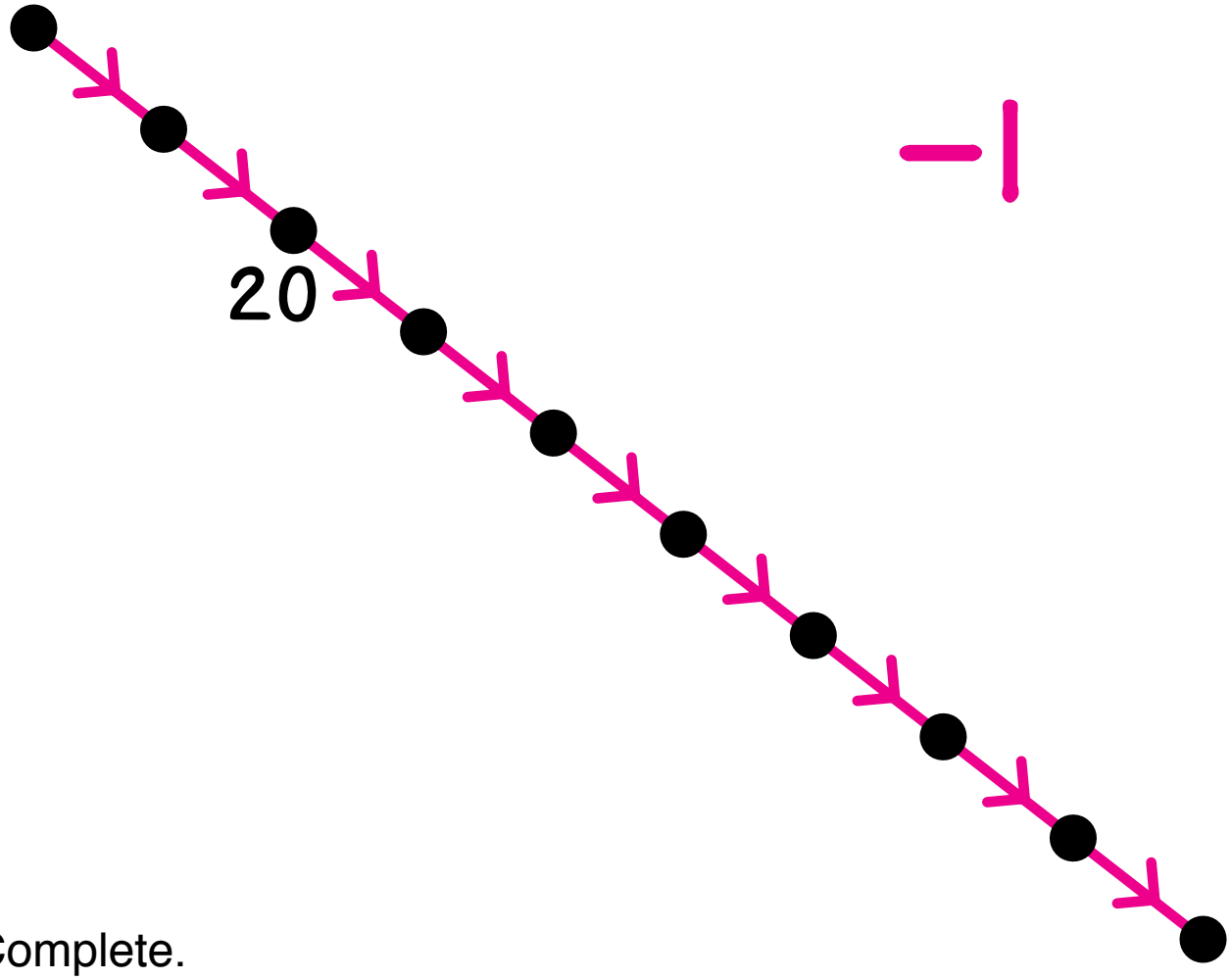
What number is on the Minicomputer?



Put the number on the Minicomputer.



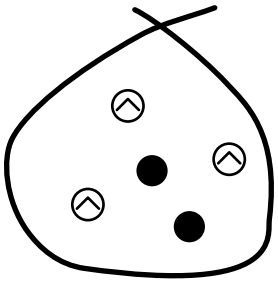
Label the dots.

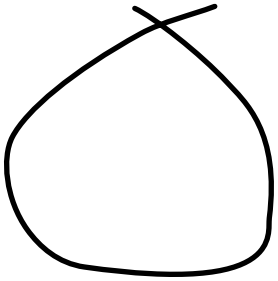


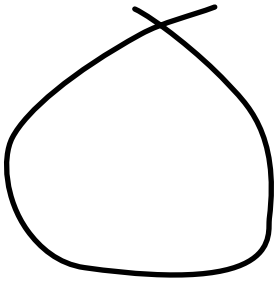
Complete.

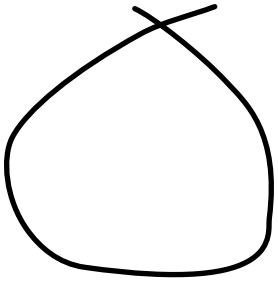
13 − 1 =	18 − 2 =	20 − 5 =	8 − 3 =	9 − 6 =
10 − 4 =	16 − 6 =	11 − 3 =	14 − 7 =	20 − 8 =

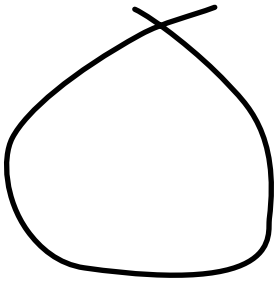
Complete.

$2 + \widehat{3} =$ _____ 

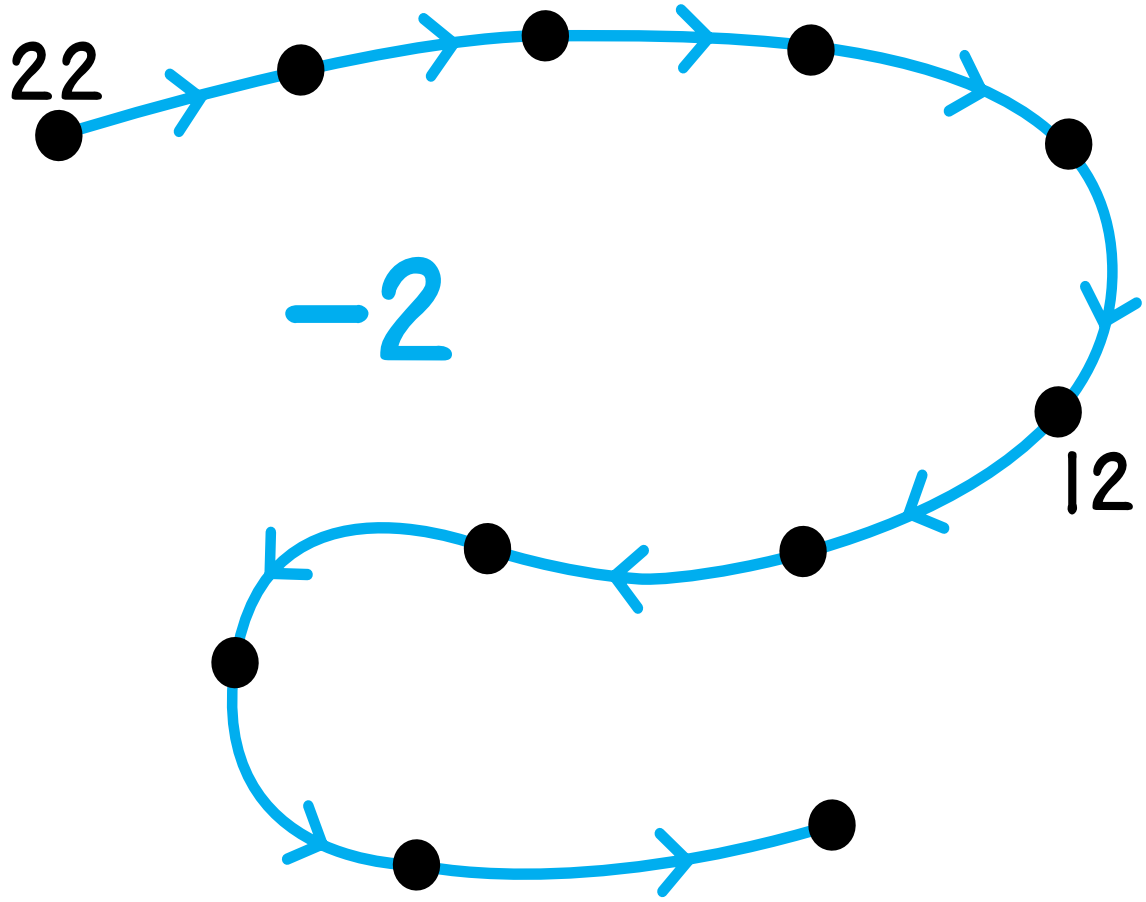
$4 + 3 =$ _____ 

$\widehat{5} + 3 =$ _____ 

$\widehat{4} + \widehat{4} =$ _____ 

$\widehat{10} + 1 =$ _____ 

Label the dots.



Complete.

12	18	44	11	7
−2	−2	−2	−2	−2
13	2	21	30	55
−2	−2	−2	−2	−2

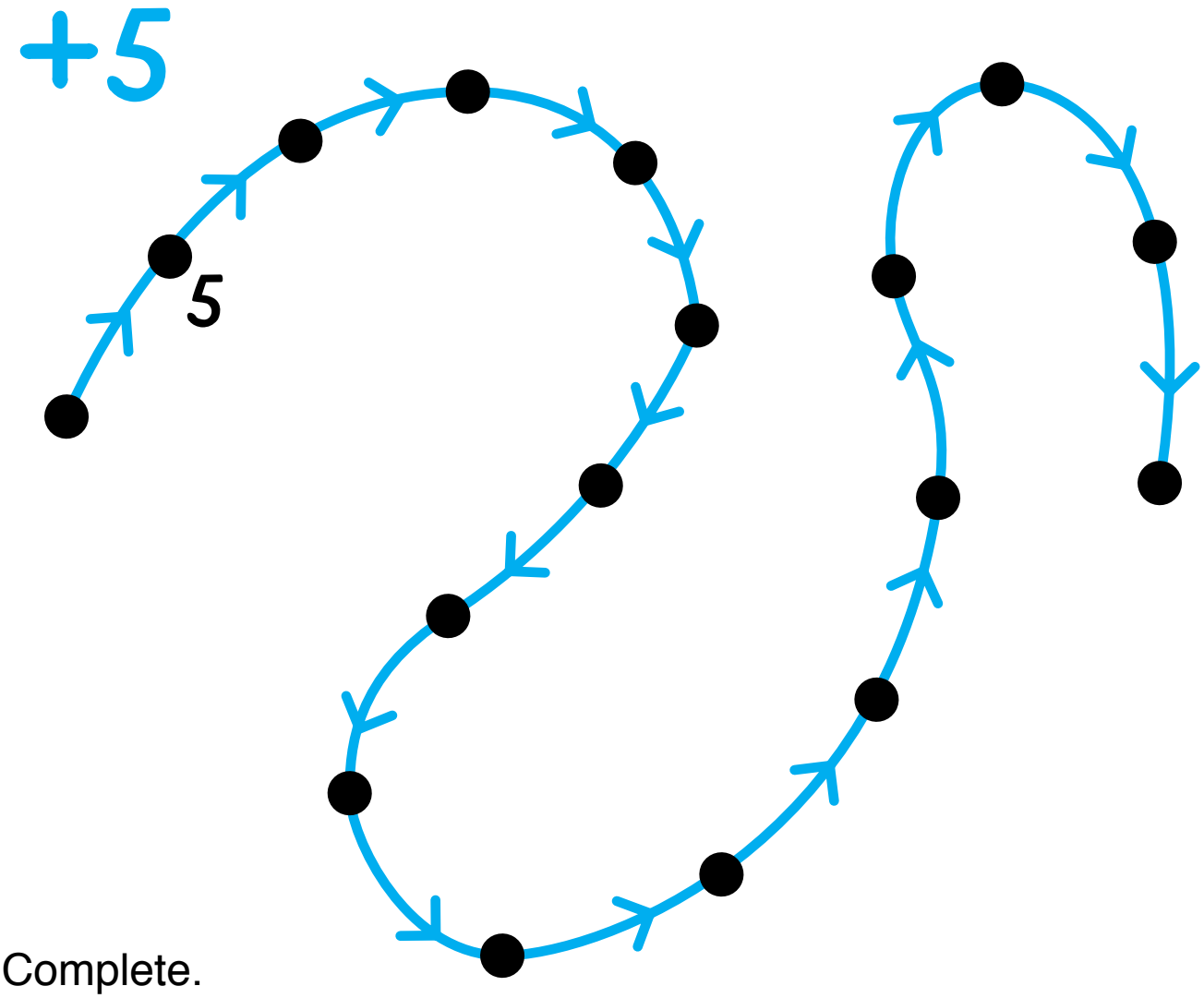
How much money?

_____ ¢

_____ ¢

_____ ¢

Label the dots.

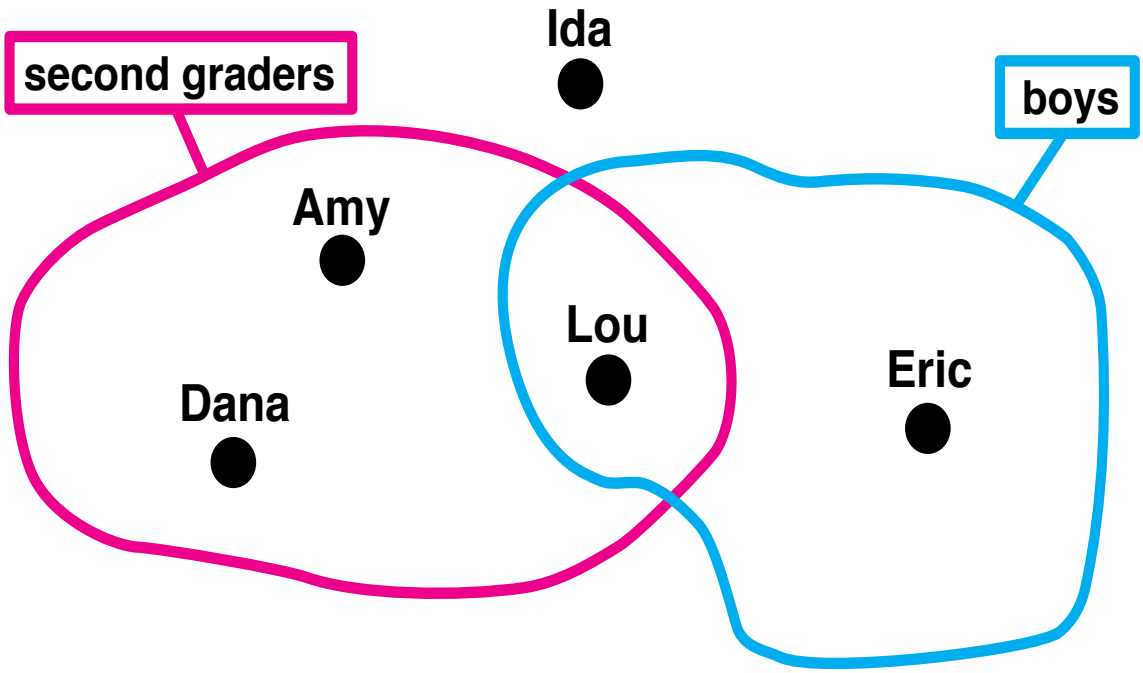


Complete.

25	75	100	34	91
+5	+5	+5	+5	+5
____	____	____	____	____

45+5=____ 80+5=____

Answer the questions.



1. Who are boys? _____

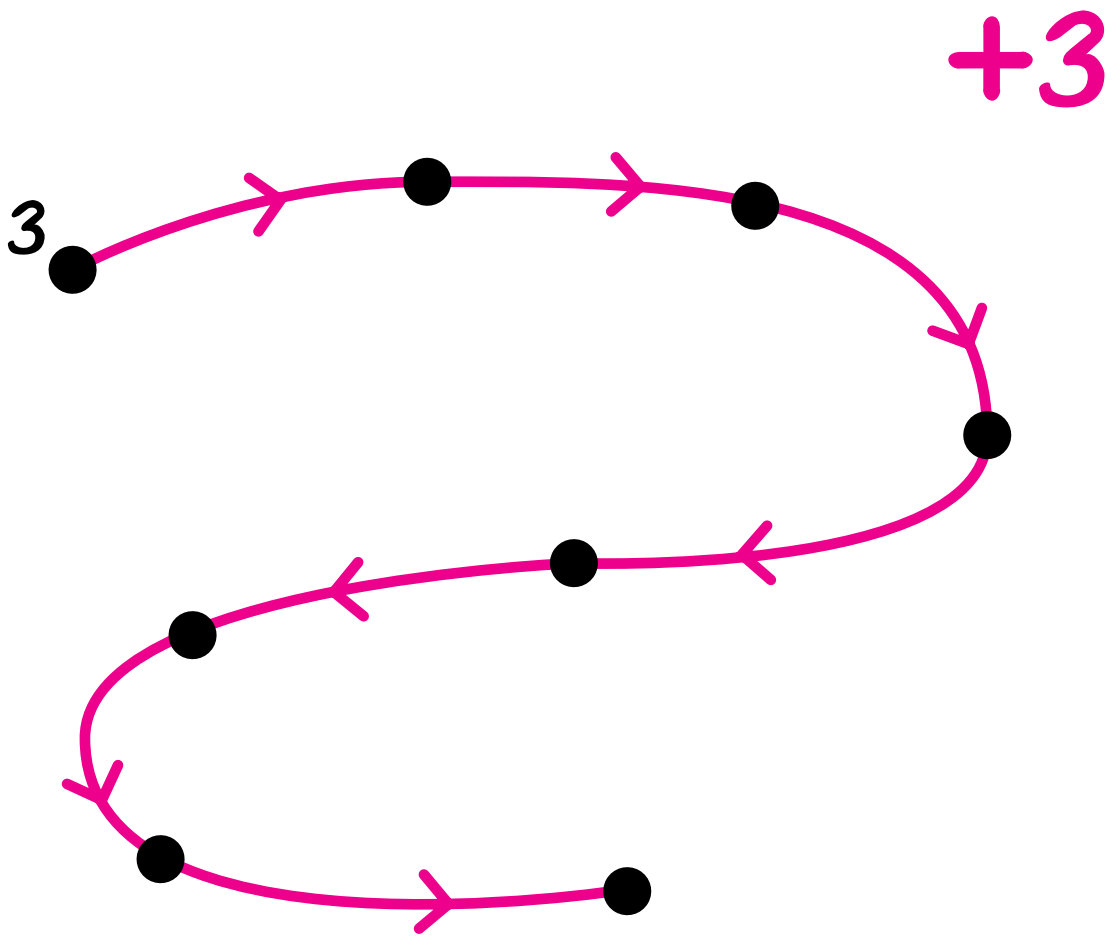
2. Who are second graders? _____

3. Which boy is a second grader? _____

4. Which girl is not a second grader? _____

Draw a dot for yourself.

Label the dots.



Complete.

16+3=___ 14+3=___

21+3=___ 100+3=___

32+3=___ 8+3=___

Complete these number sentences.

$4 + 3 = 7$

$4 + \square = 8$

$4 + \square = 9$

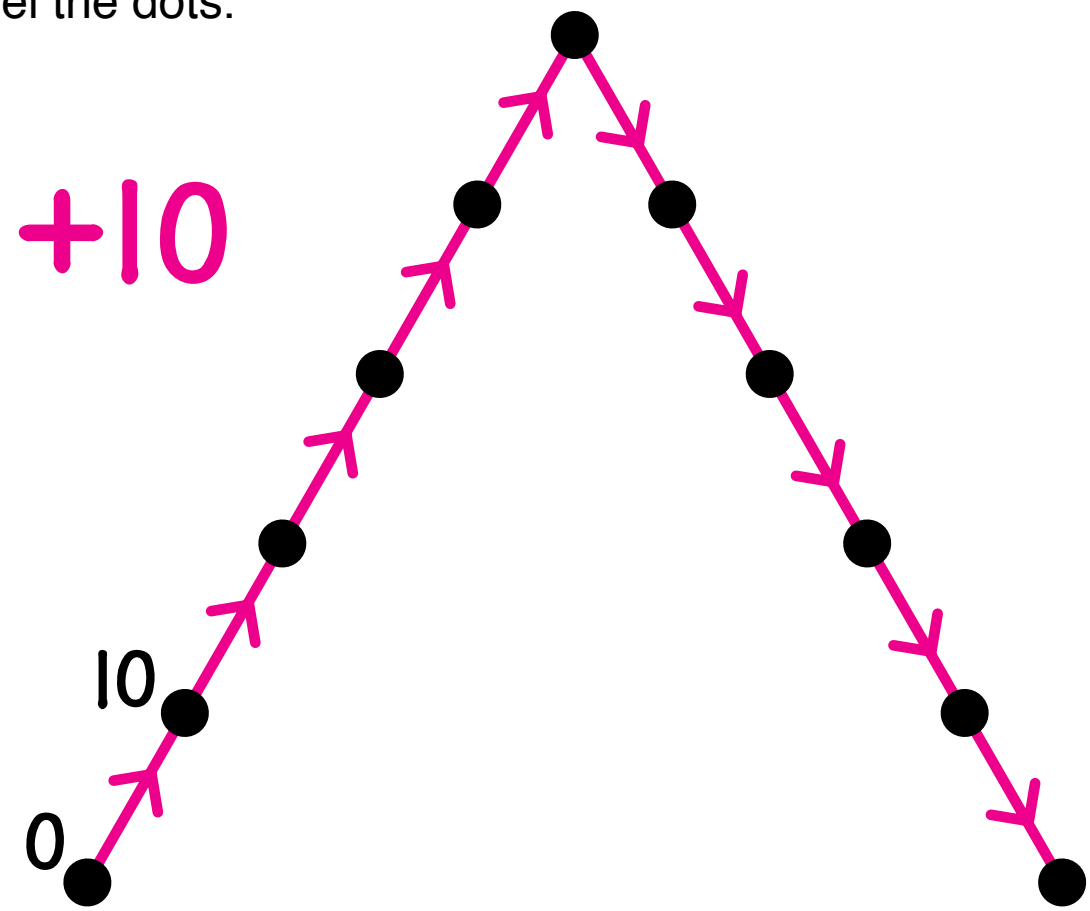
$\square + 6 = 10$

$\square + 7 = 11$

$4 + 8 = \square$

$4 + 9 = \square$

Label the dots.



Complete.

10 +10	40 +10	100 +10	85 +10
31 +10	47 +10	99 +10	63 +10

Decode.

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

$\overline{5+3}$ $\overline{13+2}$ $\overline{20+3}$

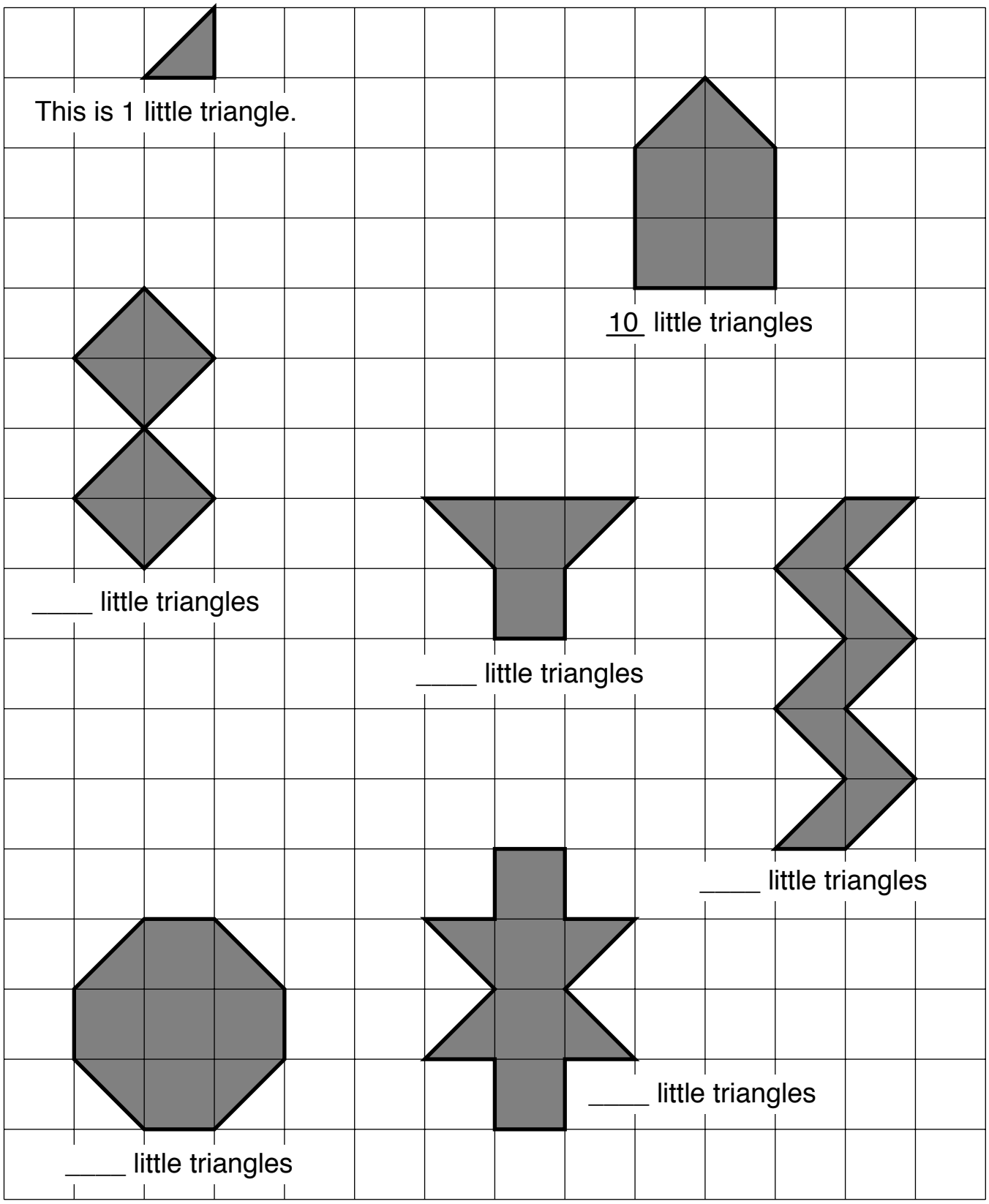
$\overline{10+5}$ $\overline{6+6}$ $\overline{2\times2}$

$\overline{6-5}$ $\overline{9+9}$ $\overline{10-5}$

$\overline{21+4}$ $\overline{9+6}$ $\overline{22-1}$?

Answer: _____

What is the area of each shape? One problem is done for you.



Build an arrow road from 4 to 15. Use only +1 and +2 arrows.

+1

+2

Complete Tom's graph of his marble collection.

Three Blue	
Seven Red	
Four Yellow	
Six Green	

1. Tom has the most of which color?_____

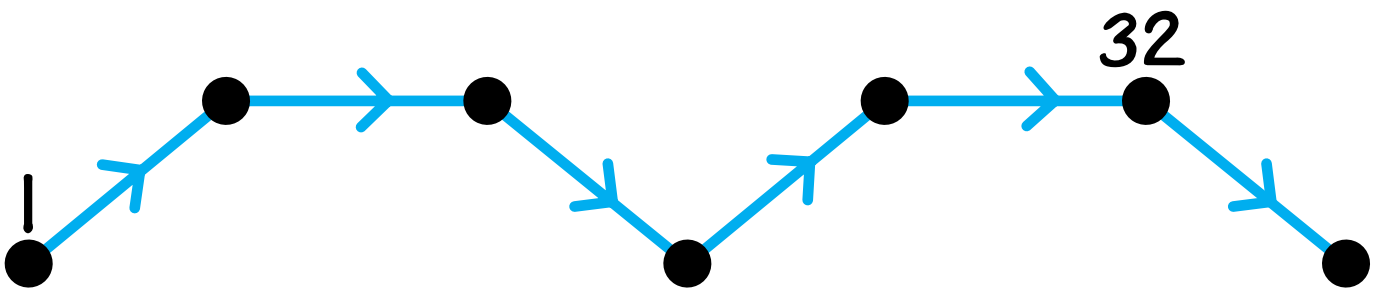
2. Tom has the least of which color?_____

3. Which is more, Green or Blue? _____ How many more?___

4. How many marbles does Tom have altogether?_____

Label the dots.

2×



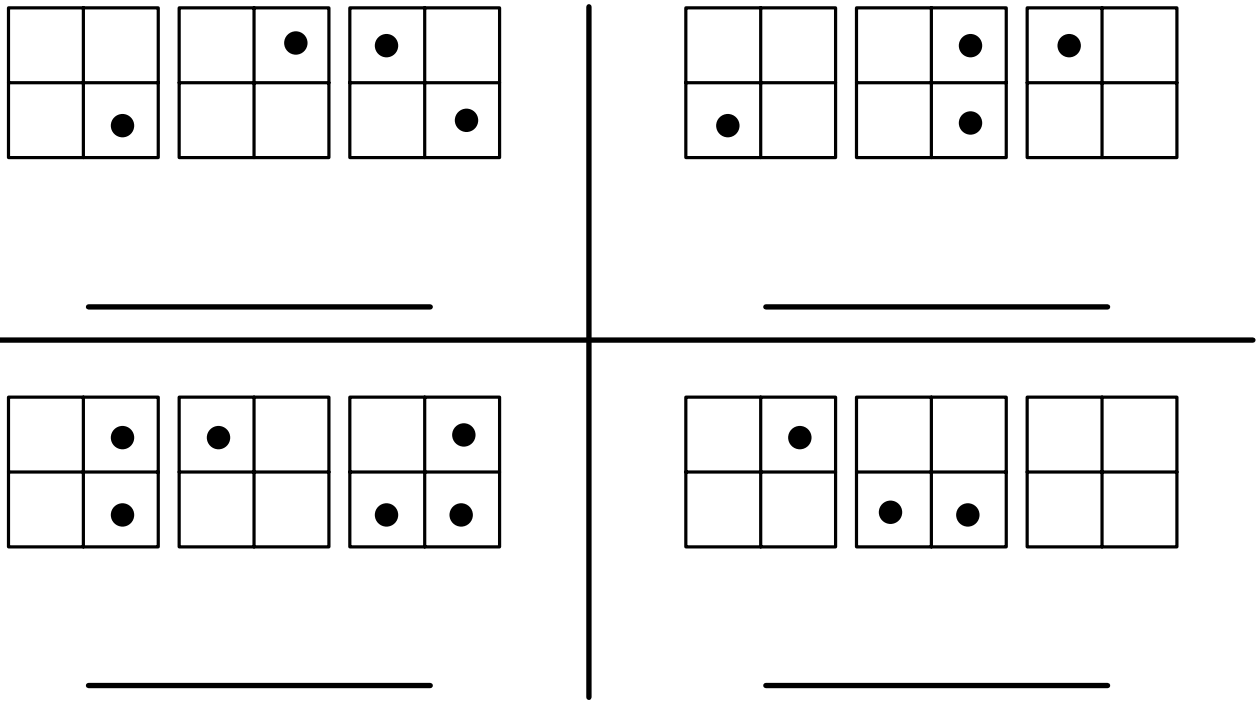
Complete.

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

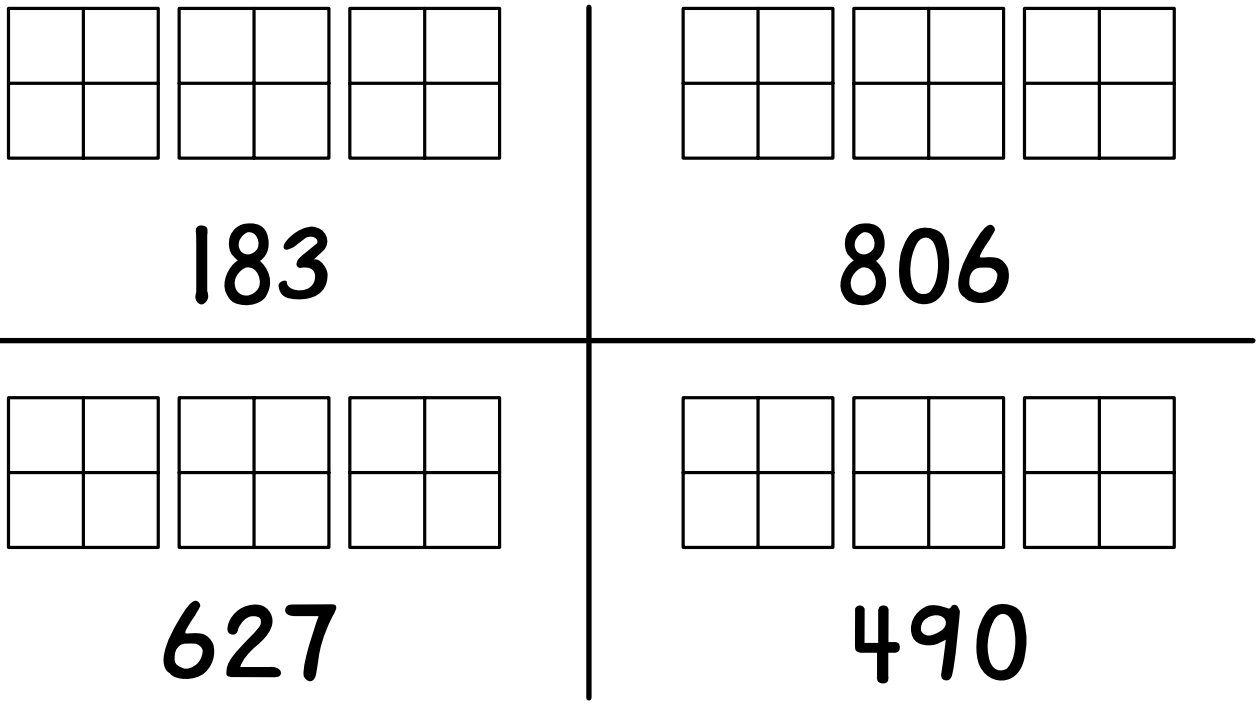
$2 \times 6 = \_\_\_$ $2 \times 7 = \_\_\_$

$$\begin{array}{r} 10 \\ \times\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 8 \\ \times\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 11 \\ \times\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 20 \\ \times\ 2 \\ \hline \end{array}$$

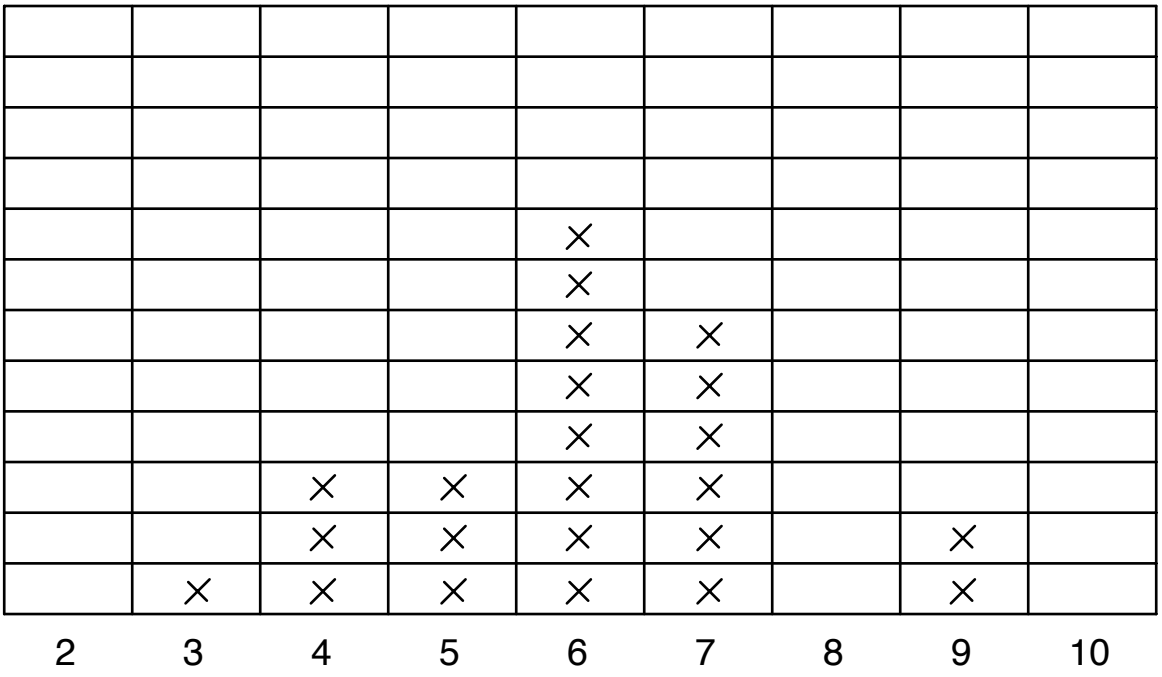
What number is on the Minicomputer?



Put these numbers on the Minicomputer.



Lost Teeth



The children in Mr. Karl's class put an X in the graph for how many teeth they had lost.

1. How many children lost 6 teeth?_____

2. How many children lost less than 6 teeth?_____

3. How many children lost more than 6 teeth? _____

4. How many children are in the graph?_____

Put an X in the graph for yourself.

Complete these rows of the 0–109 Numeral Chart.

60				64	65			68	
		72							79
80			83			86	87		

Complete these parts of the 0–109 Numeral Chart.

	25	
44	45	

		4
12		
	23	

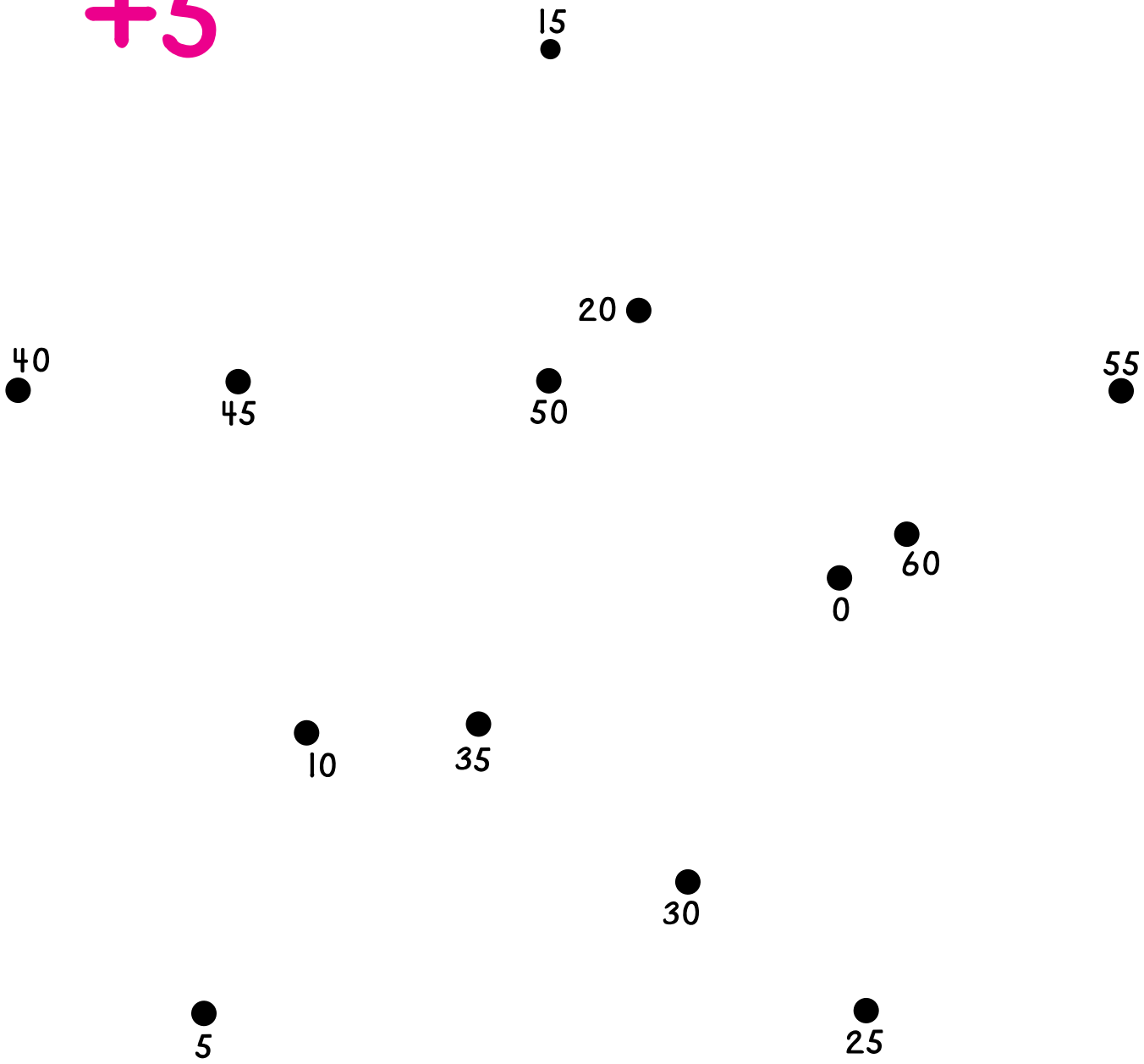
	37	
		58

	65	

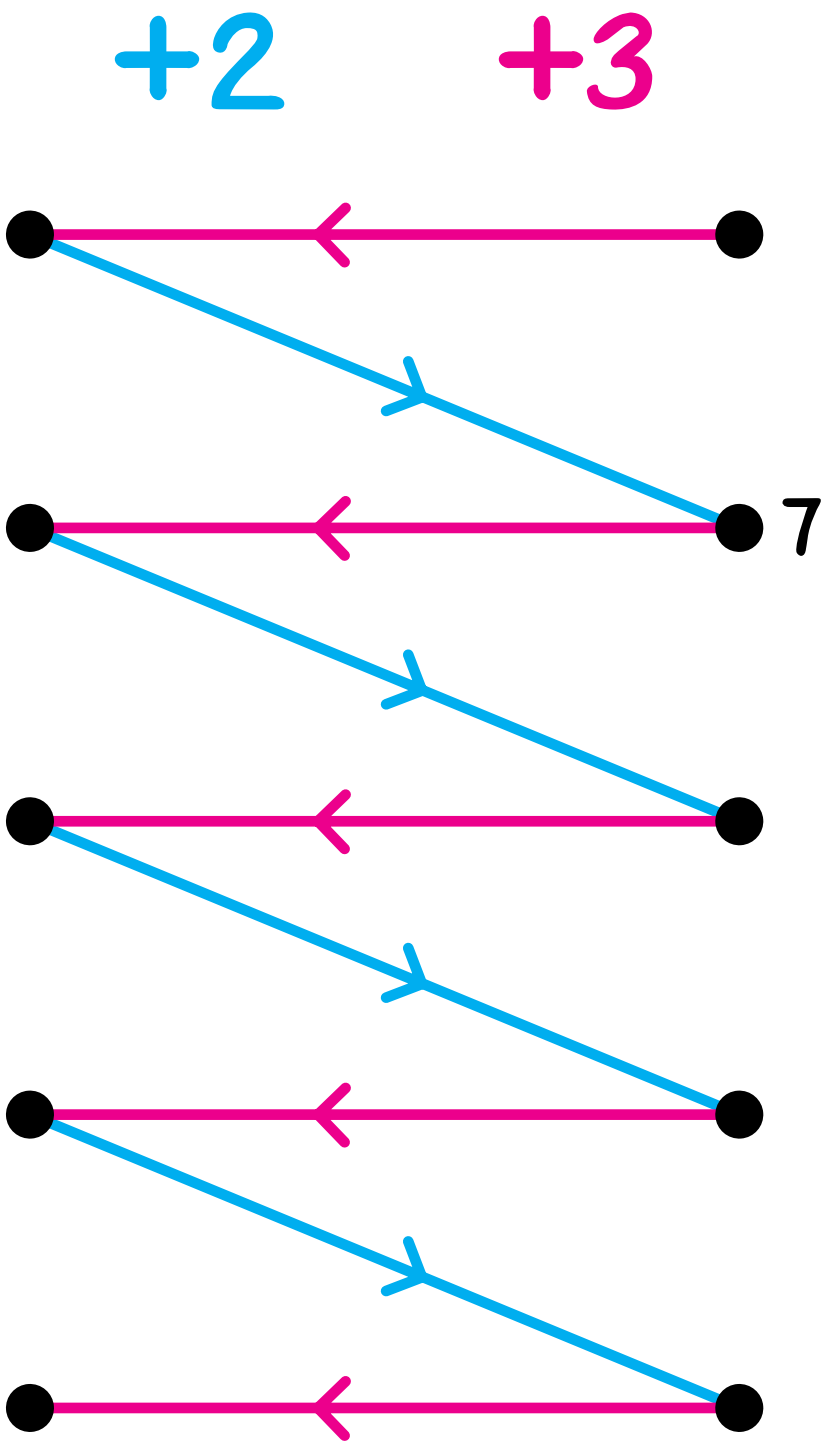
	63	
81		

Draw all the red arrows.

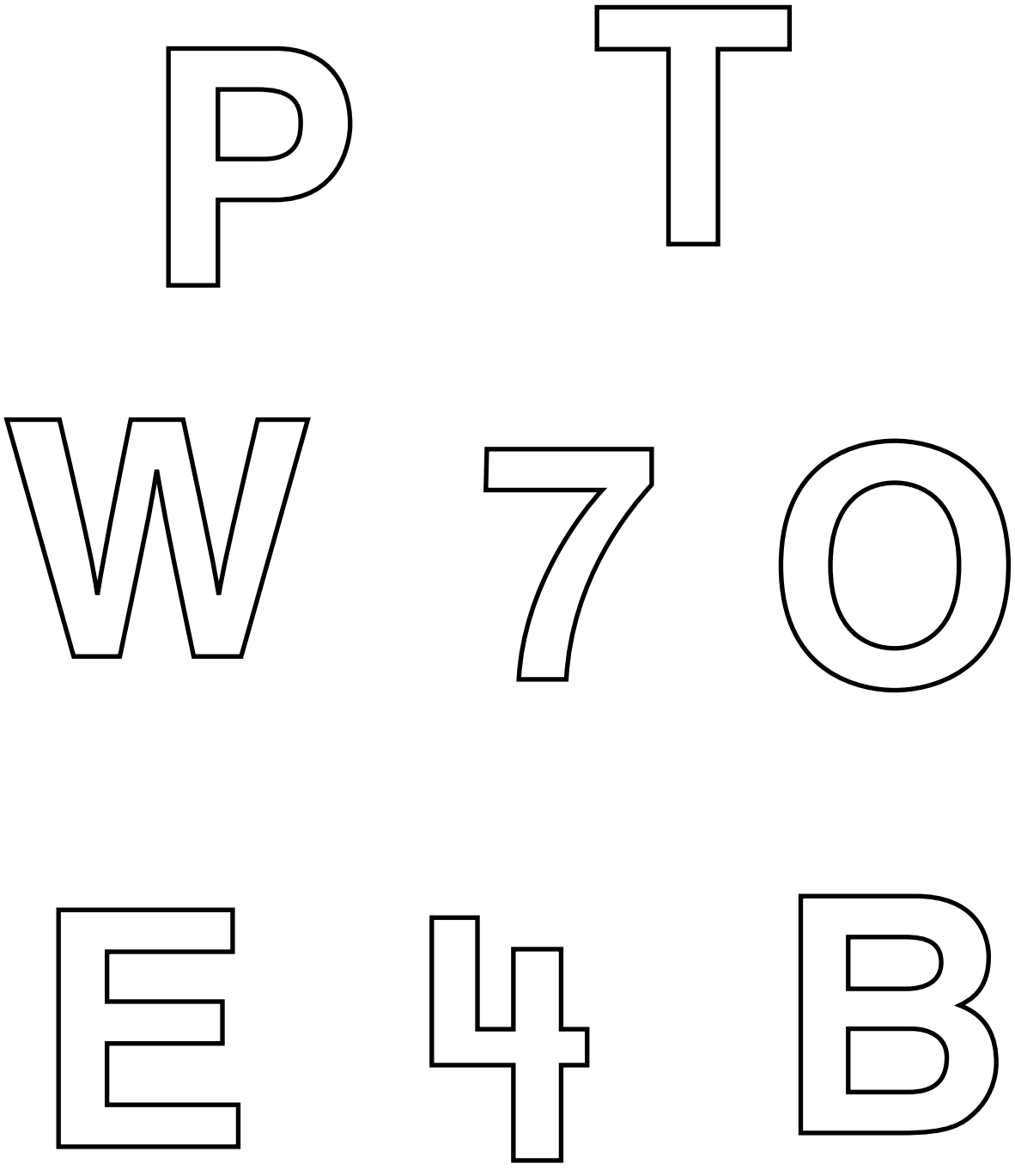
+5



Label the dots.

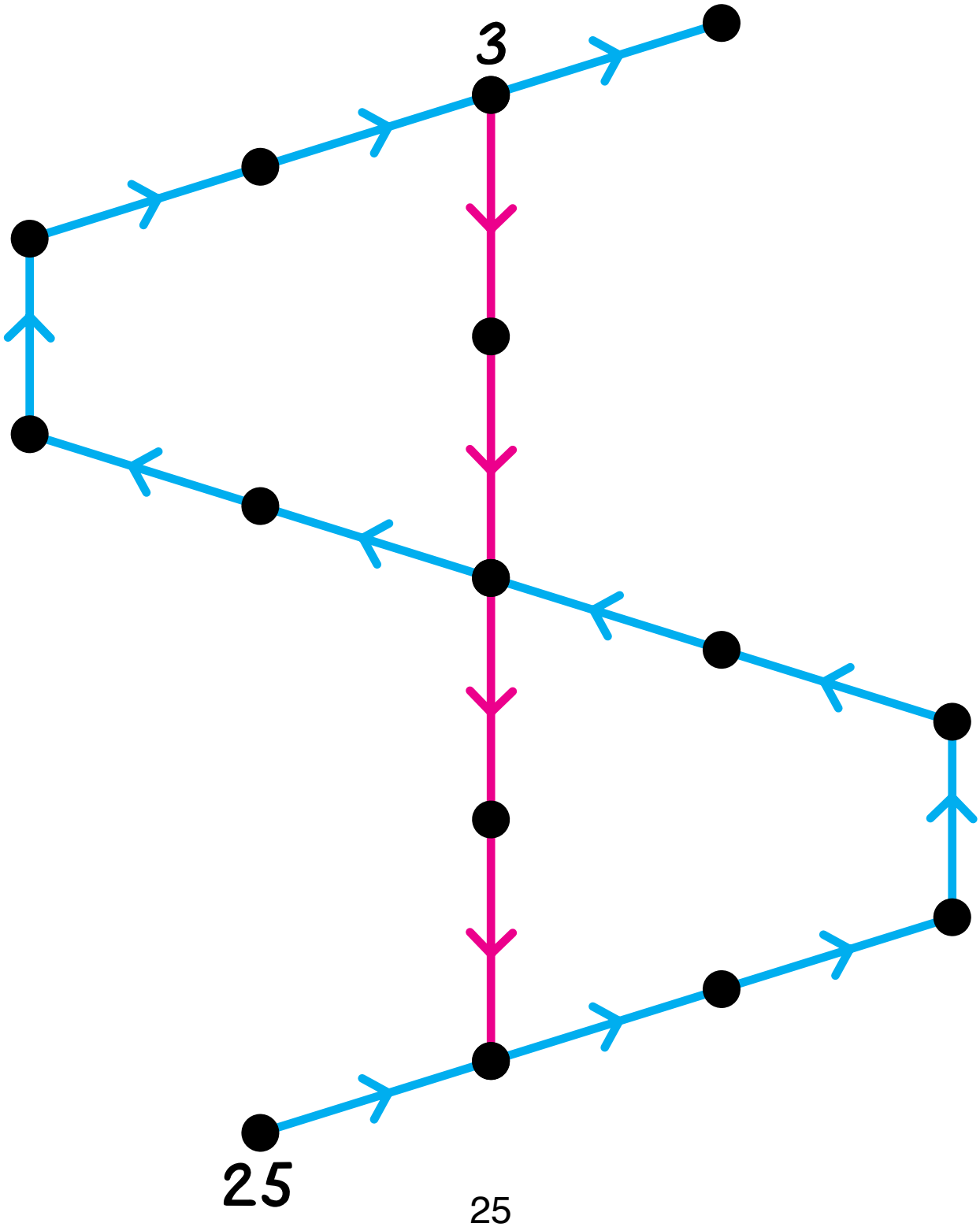


Show how to cut each shape equally in half with one line.
Circle the shapes you can not cut in half with one line.

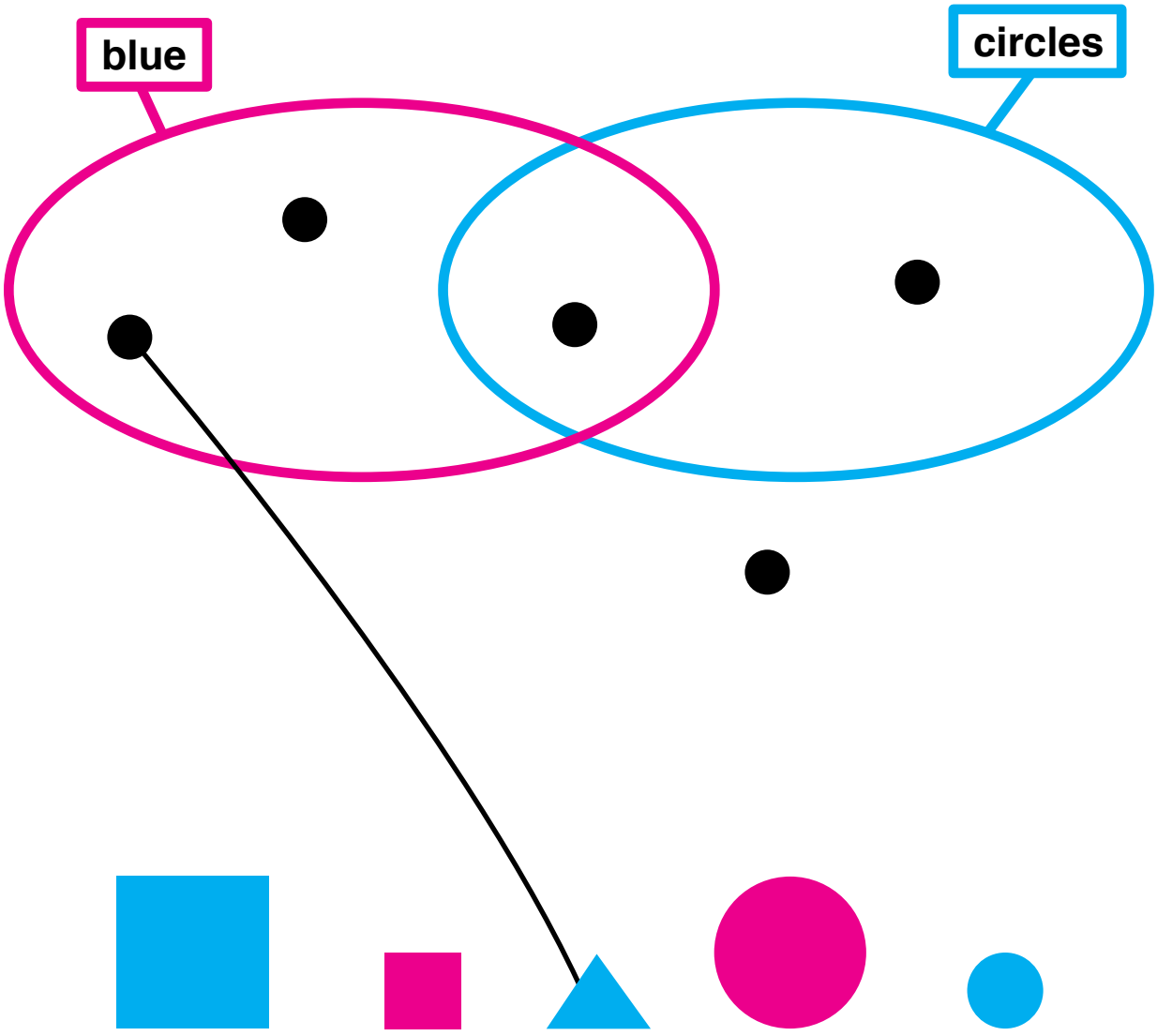


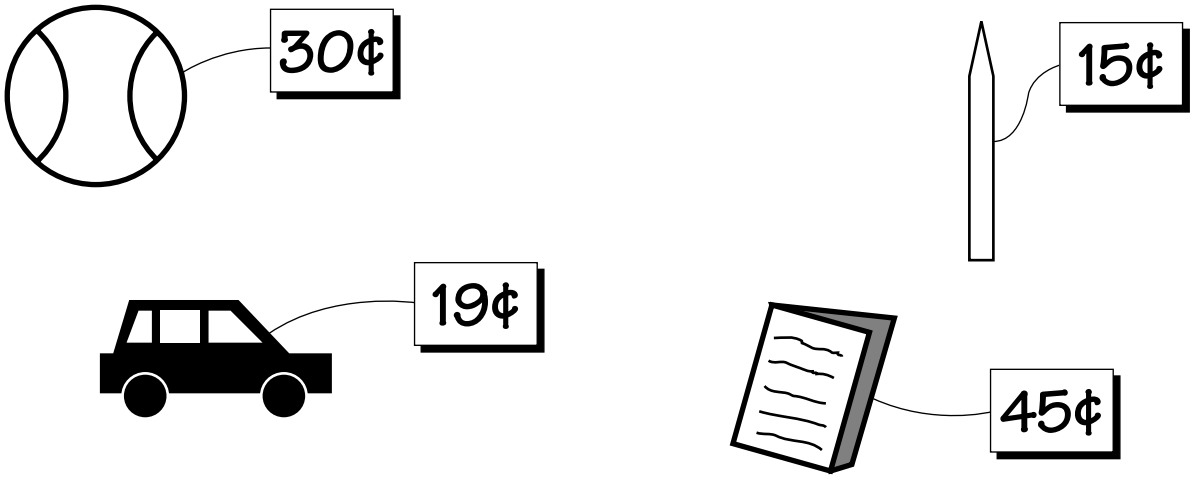
Label the dots.

−2 +5



Match each dot with an A-block. One is done for you.





1. Jose buys a ball and a book. How much does he spend? _____

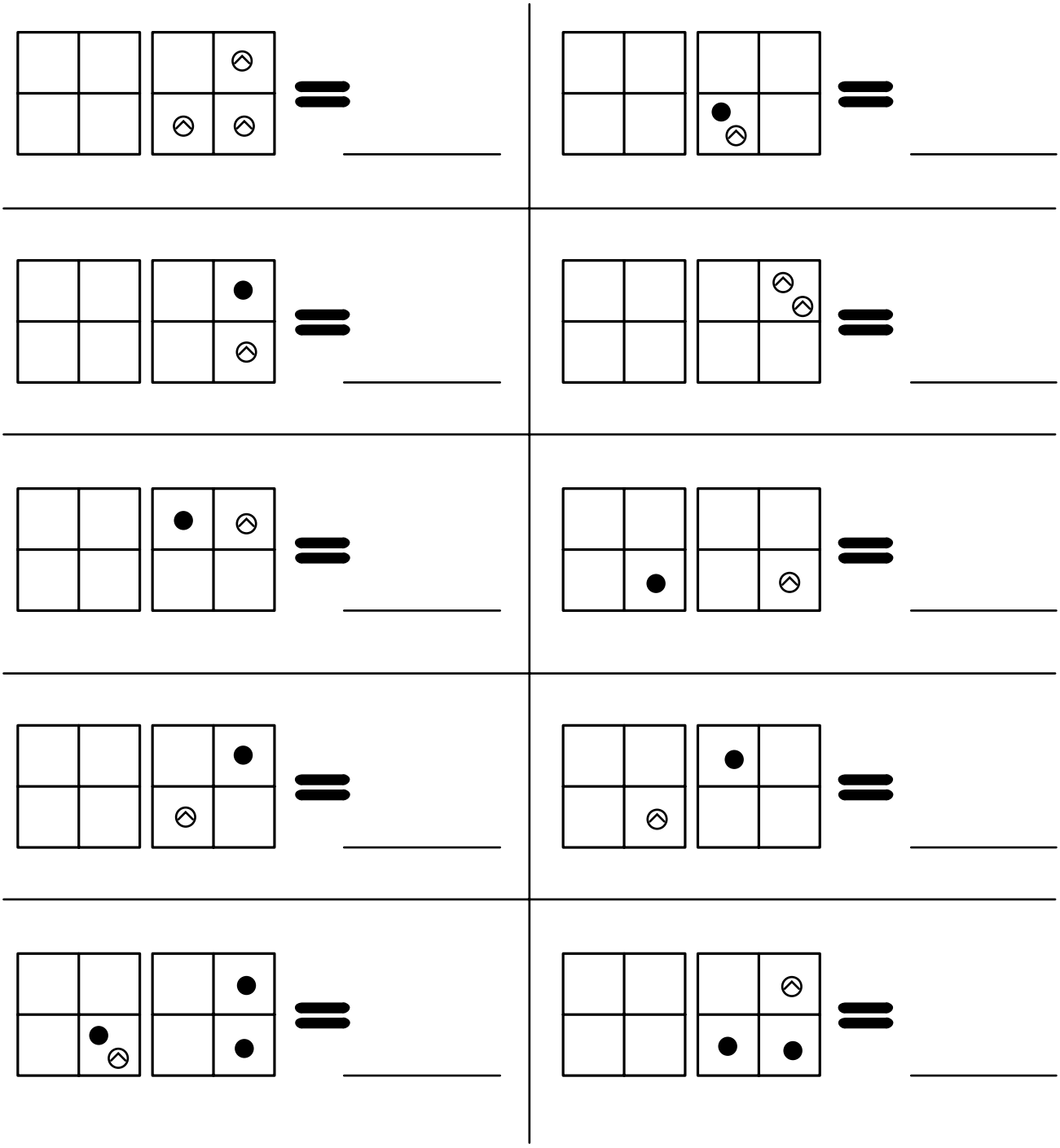
2. Jose has one dollar. Will he get more or less than 50¢ change? _____

3. What could Dana buy for less than 50¢? _____

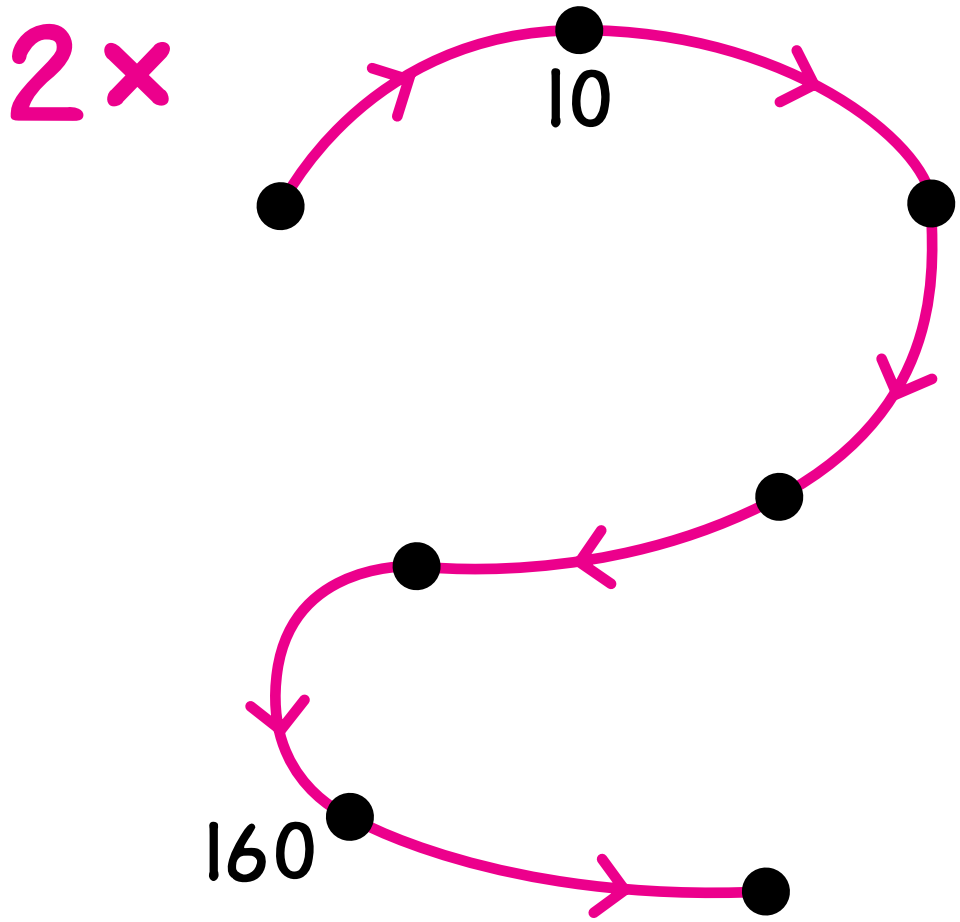
4. What could Marty buy for exactly 60¢?_____

5. Kay has 25¢ and buys a car. How much change does she get? _____

What number is on the Minicomputer?



Label the dots.

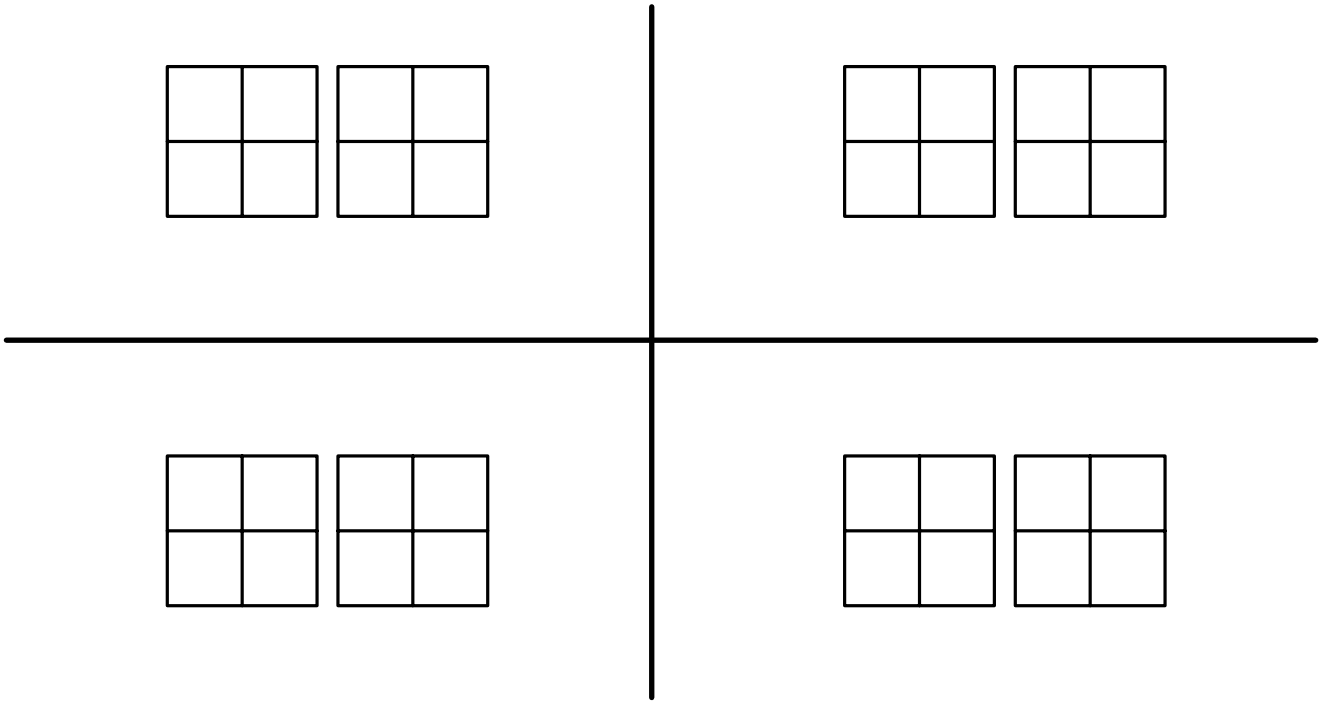


Complete.

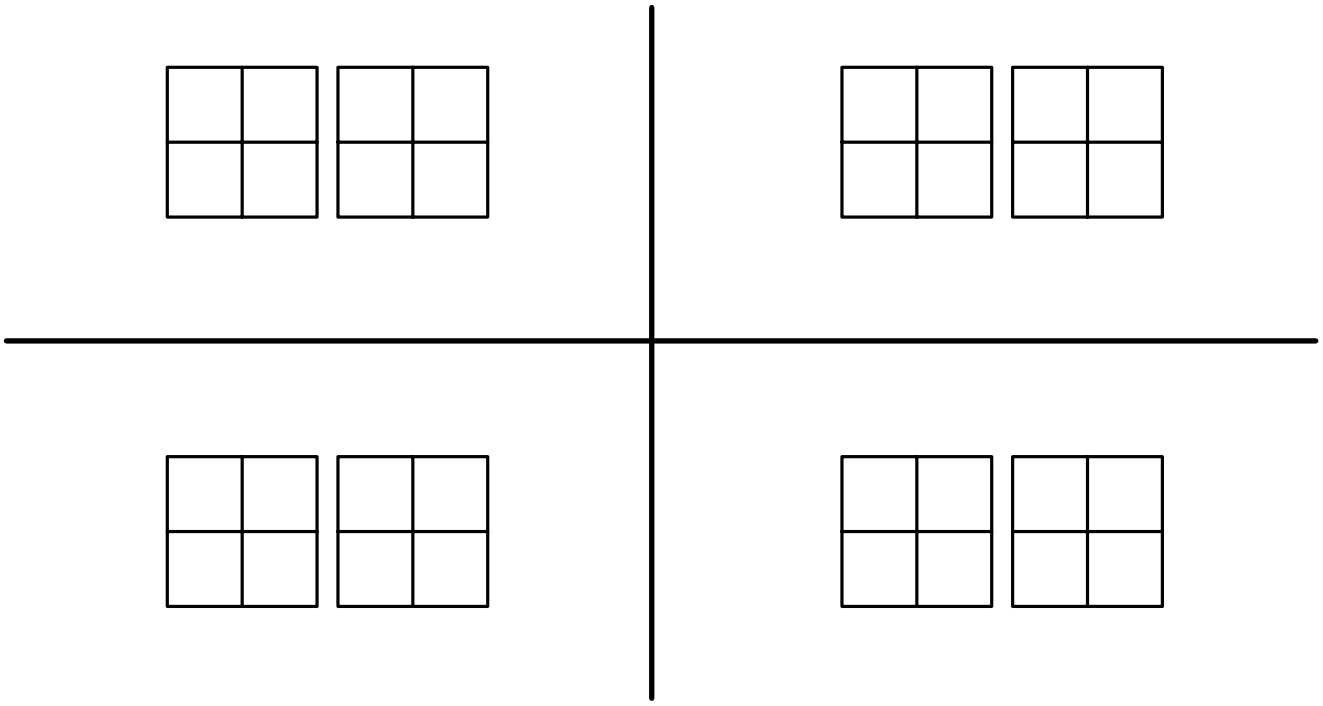
42	33	25	101
×2	×2	×2	×2
___	___	___	___

320×2=___ 55×2=___

Find four ways to put 20 on the Minicomputer.



Find four ways to put 100 on the Minicomputer.



Show ways to make 21¢. One way is given.

Dimes

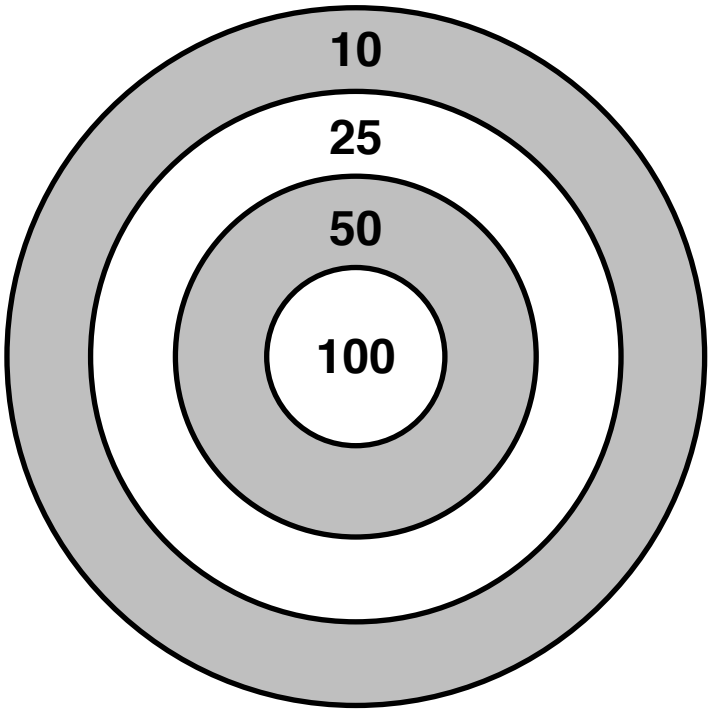
Nickels

Pennies

10¢	5¢	1¢ 1¢ 1¢ 1¢ 1¢

Dart Game

Throw darts and score points for where the darts land.



Juan plays the dart game with two darts. Both darts land on the board. Juan adds the points.

1. What is Juan's highest possible score? _____

2. What is Juan's lowest possible score? _____

3. What are other possible scores? _____

_____

4. Do you think you found all possible scores? Explain.