

Give the best answer for each question.

1. Dylan draws a triangle. Abby draws a polygon with 2 more sides and angles. What polygon does Abby draw?

2. Write the number in expanded form.

Then write the number.

7 hundreds 2 tens 8 ones

_____ + _____ + _____

3. Mila thinks of a number with hundreds, tens, and ones. It has the same number of hundreds as 345. The number of tens is 1 less than the number of hundreds. The number of ones is the same as the number of ones in 14.

What is Mila's number?

Mila's number is _____.

4. Leo is in the school play. He counts 147 people at the first show. Then Leo counts 121 people at the second show. How many people attended the play in all?

_____ people

5. Match the sums.

$$415 + 461 \qquad 859$$

$$184 + 15 \qquad 876$$

$$723 + 136 \qquad 199$$

6. Paula draws a rectangle on dot paper and splits it into fourths. Each share is made up of 3 equal-size squares. How many squares make up the whole?

_____ squares

7. Last year Josh's school sold 238 wreaths for a fundraiser. This year his school sold 24 more wreaths than last year. How many wreaths did Josh's school sell this year?

_____ wreaths

8. Find the sum.

$$\begin{array}{r} 481 \\ +422 \\ \hline \end{array}$$

9. Find the sum.

$$\begin{array}{r} 239 \\ +662 \\ \hline \end{array}$$

10. Subtract.

$$\begin{array}{r} 628 \\ -137 \\ \hline \end{array}$$

11. Subtract.

$$\begin{array}{r} 407 \\ -221 \\ \hline \end{array}$$

12. Find the sum.

$$\begin{array}{r} 648 \\ +184 \\ \hline \end{array}$$

13. Find the difference.

	hundreds	tens	ones
—	5 4	6 7	2 1

14. Subtract.

$$\begin{array}{r} 541 \\ - 328 \\ \hline \end{array}$$

☐ 227

☐ 869

☐ 213

☐ 223

15. Subtract.

$$\begin{array}{r} 459 \\ - 165 \\ \hline \end{array}$$

16. Find the difference.

	tens	ones
—	6 3	5 8

17. Add.

$$\begin{array}{r} 175 \\ + 42 \\ \hline \end{array}$$

☐ 33

☐ 133

☐ 117

☐ 217

18. What is 100 more than 638?

☐ 438

☐ 538

☐ 639

☐ 738

19. What is the value of the underlined digit?

775

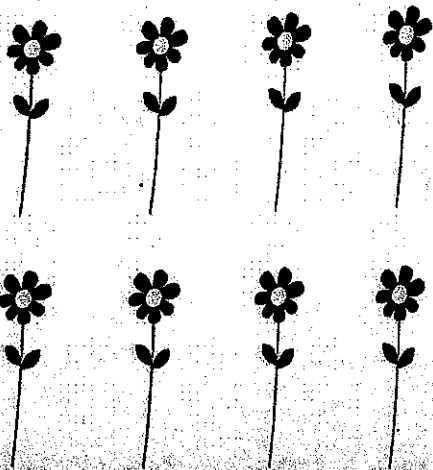
☐ 700

☐ 70

☐ 7

20. What expression(s) represent the total number of flowers?

Select all that apply.



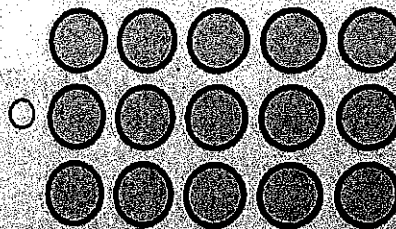
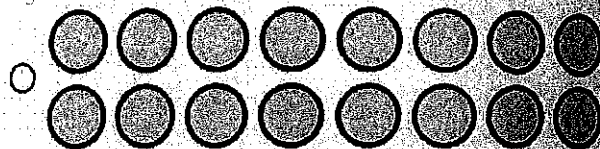
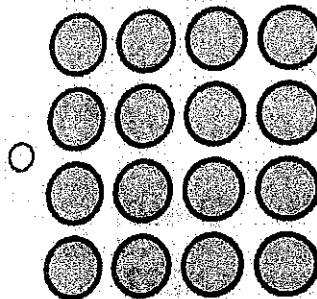
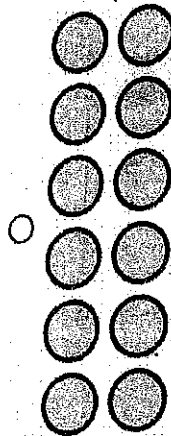
☐ $4 + 4$

☐ $2 + 2$

☐ $4 + 4 + 4 + 4$

☐ $2 + 2 + 2 + 2$

21. Select the array that represents 15.



22. Amy cuts a sandwich into four equal shares. Janice cuts a same-sized sandwich into four equal shares a different way.

Whose shares are bigger?

☐ Amy's shares

☐ Janice's shares

☐ The shares are the same size

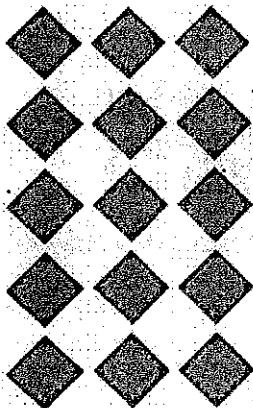
Name _____

Date _____

BEGINNING-OF-YEAR
TES

23. Which expressions describe the array?

Select all that apply.

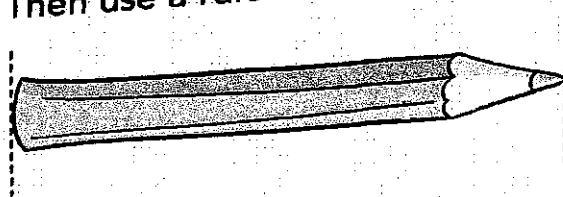


- ☐ $3 + 5$
☐ $3 + 3 + 3 + 3 + 3$
☐ $5 + 3$
☐ $5 + 5 + 5$
☐ $4 + 4 + 4 + 4$

24. Which show a difference of 413?
Select all that apply.

- ☐ $569 - 156$
☐ $672 - 515$
☒ $748 - 335$
☒ $998 - 528$
☒ $451 - 145$

25. Estimate the length of the pencil.
Then use a ruler to measure.

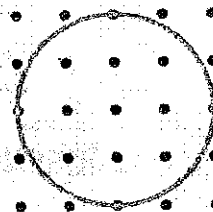


Estimate:

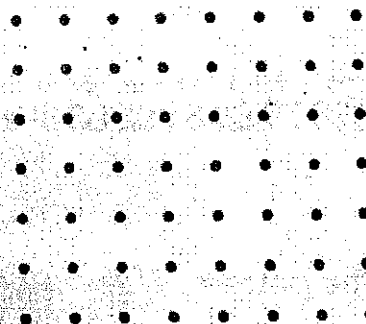
about _____ inches

Measure: _____ inches

26. Split the circle into 4 equal shares:

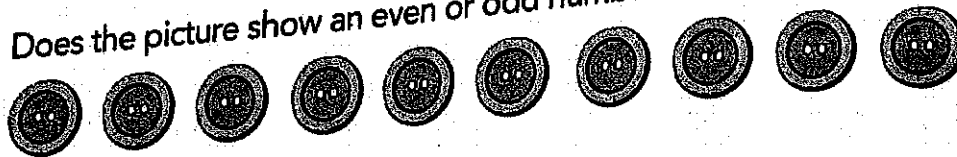
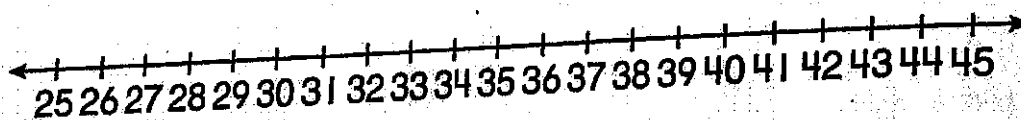
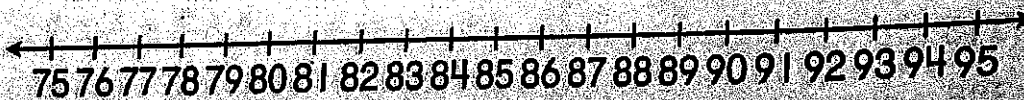


27. Draw a rectangle made up of 10 same-size squares.



BEGINNING-OF-YEAR TES

29. Does the picture show an even or odd number of buttons?


$$26 + \underline{\quad} = 34$$

$$82 - 6 = \underline{\hspace{2cm}}$$


763, 663, 563, _____

Pattern: _____

Name _____ Date _____

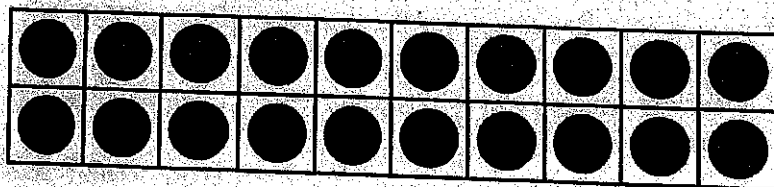
**BEGINNING-OF-YEAR
TEST**

33. Alana finds 36 marbles in a jar. She gives 19 of the marbles to her brother. Alana subtracts to see how marbles she has left. She says she has 27 marbles left.

	3	16
-	1	9
	2	7

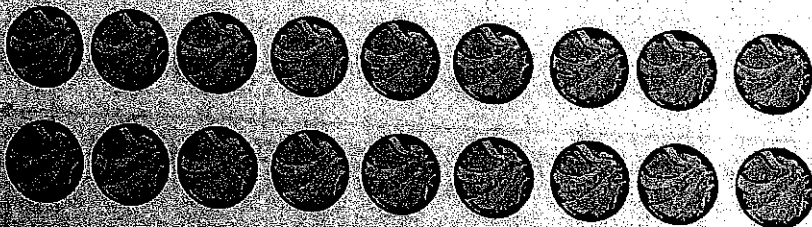
Explain the mistake Alana made.

34. Look at the counters.

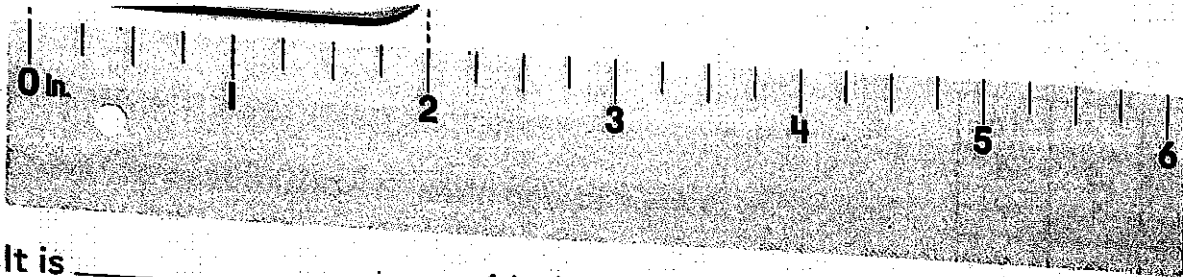


Can you make 5 equal groups with these counters?
Explain.

35. Quentin is counting his marbles.
He groups them to count.

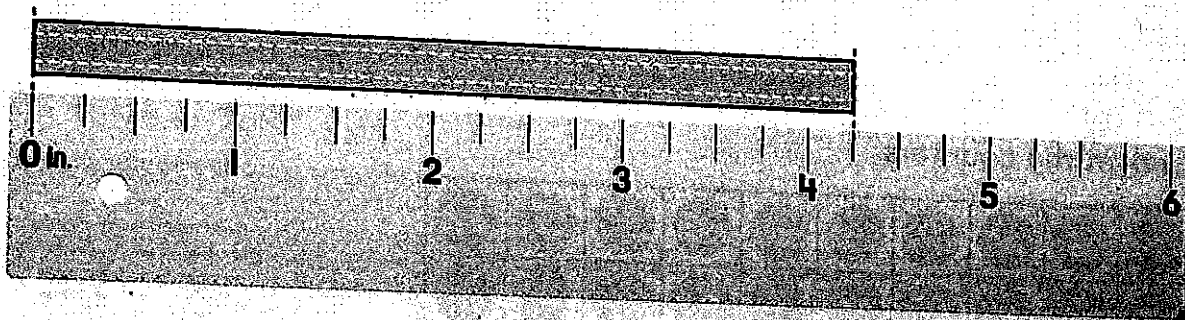


Does Quentin have an even number of marbles or an odd number? How can you tell?



It is _____ 4 inches long.

37. Kareem's ribbon is shown.



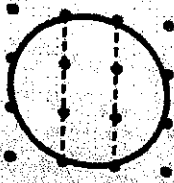
He needs two pieces of ribbon that are each 2 inches long for a project. Does Kareem have enough ribbon?

38. Deja says the number line shows $76 - 1$. Explain Deja's mistake. What subtraction is modeled on the number line?



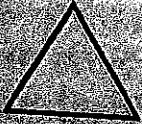
39. Tomas has 20 squares that are all the same size. He wants to use them to make a rectangle. What is one rectangle Tomas can make?
A rectangle that has _____ rows and _____ squares in each row

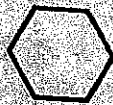
40. Is this circle split into thirds? Explain your answer.



41. Solve.

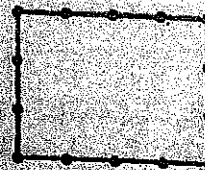
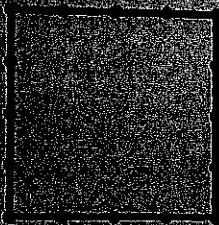
Kal, Mark, and Pedro play a game. Kal's game piece has more than 4 sides. Mark's game piece is not a triangle. Write each child's name under their game piece.



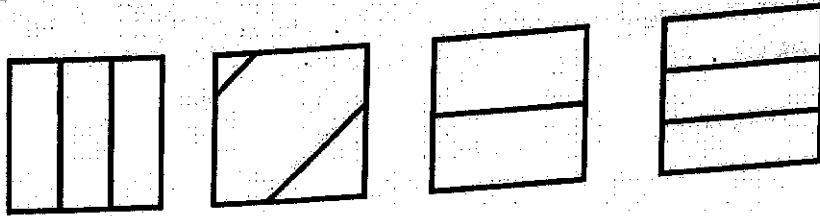




42. Circle the rectangle that shows 12 equal shares.

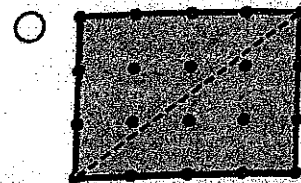
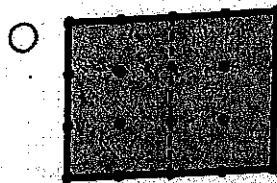
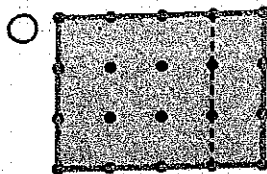


43. Circle the square that shows 2 equal shares.
Cross out the squares that show 3 equal shares.



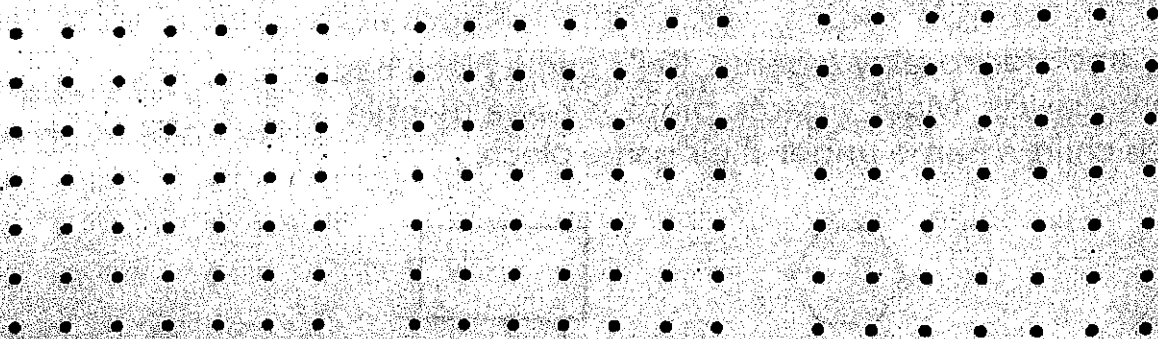
44. Which rectangles are split into halves?

Select all that apply.



45. Part A

Draw 3 different quadrilaterals.



Part B

What is true about these quadrilaterals?

They all have _____ sides and _____ angles.