



End-of-Year Assessment

For Problems 1–4, write a number model. Use a ? to show what you need to find out. Solve the problem. Write the answer.

- ① The second-grade class has 25 children. The first-grade class has 20 children. How many children are there in all?

Number model: _____

There are _____ children.

- ② There are 42 cars in the parking lot. 30 cars leave. How many cars are left in the parking lot?

Number model: _____

There are _____ cars left.

- ③ Shawn has 24 crayons. His teacher gave him 24 more. Then he lost 8 crayons. How many crayons does he have now?

Number model(s): _____

Shawn has _____ crayons.



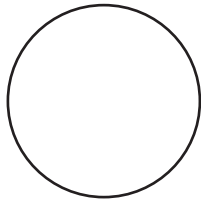
End-of-Year Assessment (continued)

- ④ 45 children are on the bus. At the first stop, 8 more children get on the bus. At the next stop, 16 children get off the bus. How many children are on the bus now?

Number model(s): _____

There are _____ children.

⑤



- Divide the circle into three equal parts.
- Use words to name one part.

- Use words to name all the parts.

- ⑥ a. Write any 3-digit number: _____

- Write the value of each digit in your number.

The value of _____ is _____.

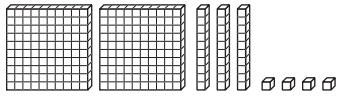
The value of _____ is _____.

The value of _____ is _____.

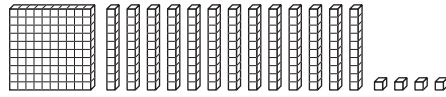


End-of-Year Assessment (continued)

- 7 Keon and Dartrianna showed the same number with base-10 blocks.



Keon's way



Dartrianna's way

- a. What is the number? _____
- b. Use base-10 shorthand to show this number another way.
- c. Whose way makes it easiest to tell what the number is? Explain. _____

- 8 I have a 0 in my tens place.
I have a 7 in my hundreds place.
I have a 0 in my ones place.
What number am I? _____

- 9 Write $<$, $>$, or $=$.

a. 89 _____ 88

b. 421 _____ 419

c. 709 _____ 790

d. 934 _____ 943

- e. Explain how you got your answer to Problem 9d.
- _____
- _____



End-of-Year Assessment (continued)

10 Solve.

a.
$$\begin{array}{r} 56 \\ + 37 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 342 \\ + 139 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 64 \\ - 39 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 256 \\ - 178 \\ \hline \end{array}$$

e. $13 + 27 + 20 =$

f. $31 + 22 + 19 =$

g. Below, Marsha explained how she solved Problem 10d.

I counted up from 178 to 200. I knew that was 22. I know that from 200 to 256 is 56 so I added 22 and 56 and got 78.

Does Marsha's strategy work? _____ Explain.



End-of-Year Assessment (continued)

- 13 Estimate the length of the line segment below to the nearest inch and to the nearest centimeter.



- a. Estimate: about _____ inches
 b. Estimate: about _____ centimeters

Measure the length of the line segment to the nearest inch and centimeter.

- c. about _____ inches d. about _____ centimeters

- e. Does the measurement have more inches or more centimeters? Explain your answer. _____

- 14 **Line Segment A:** _____

Line Segment B: _____

- a. Measure line segment A above to the nearest centimeter.
 about _____ cm
- b. How much longer is line segment B than the line segment A?
 about _____ cm
- c. How did you find your answer for part b? _____

**End-of-Year Assessment** (continued)

- ⑮ A blue ribbon is 20 centimeters long. A yellow ribbon is 38 centimeters long.

How much longer is the yellow ribbon than the blue ribbon?

Number model: _____

The yellow ribbon is _____ centimeters longer than the blue ribbon.

- ⑯ Solve the problem. Show your thinking on an open number line.

Christy has 43 green blocks. Ella has 36 yellow blocks. How many blocks do they have in all? _____ blocks





End-of-Year Assessment (continued)

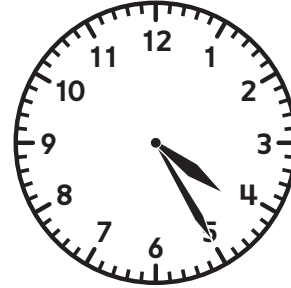
17 Write the time.

a.



_____ : _____

b.



_____ : _____

18 Use Q , D , N , and P to show two ways to pay for the bag of pretzels.



Pretzels
16 oz
99¢

One Way

Another Way



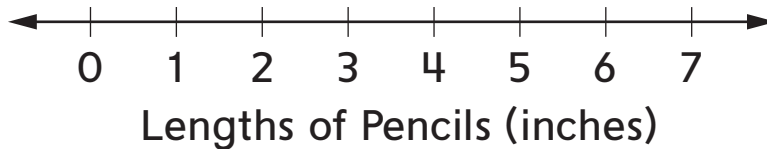
End-of-Year Assessment (continued)

- 19 Length of Pencils in Room 325

Length	Number of Pencils
2 inches	/
4 inches	//
6 inches	###
7 inches	///

- a. Show the pencil lengths on the line plot.

Number
of
Pencils



- b. Write a question that can be answered using the line plot.

- c. Write the answer to your question. _____



End-of-Year Assessment (continued)

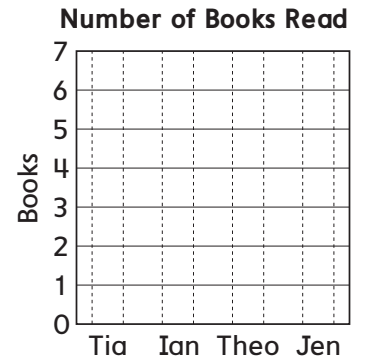
- 20 a. Complete the graph.

Tia read 6 books.

Ian read 3 books.

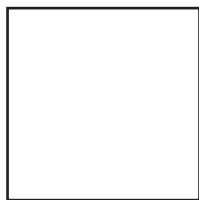
Theo read 5 books.

Jen read 3 books.



- b. Who read the most books? _____
- c. Who read the fewest books? _____
- d. Who read more books—Ian or Theo? _____
- e. How many more? _____
- f. How many books did the children read altogether?
_____ books

- 21 a. Write at least one name for the shape.

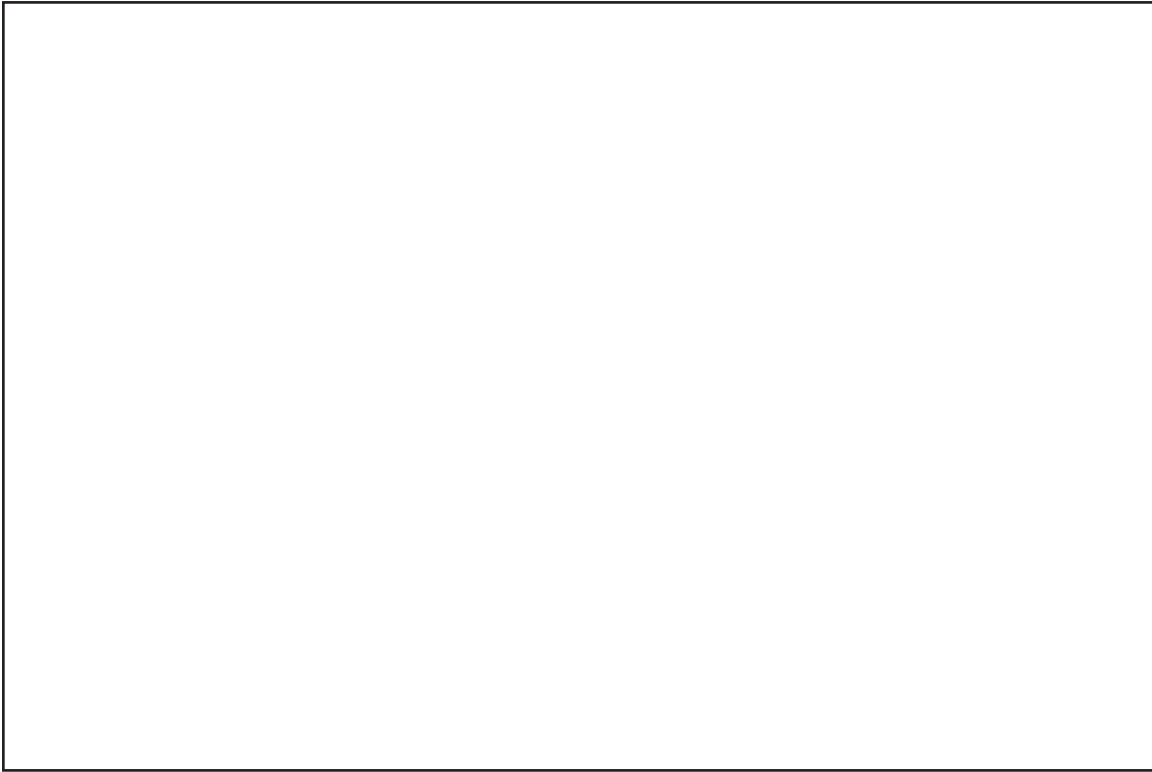


- b. Draw a different shape with 4 sides and 2 pairs of parallel sides.



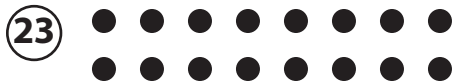
End-of-Year Assessment (continued)

- 22 a. Partition the rectangle into 4 rows with 6 same-size squares in each row.



b. How many squares did you draw? _____

c. How do you know your answer is correct?



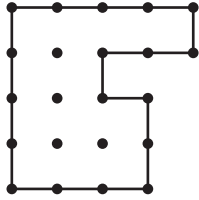
a. How many dots? _____

b. Write an addition number model. _____



End-of-Year Assessment (continued)

- 24 a. Draw lines to divide the shape below into two equal parts.



- b. Explain how you know the two parts are equal.

- 25 Circle the tool that you would use to measure the length of a bus.

- a six-inch ruler
- a yardstick
- a tape measure
- a meterstick

Explain why you chose that tool.
