

4th Grade PARCC EOY Sample Assessment Item #2: Standard 4.OA.3-2

Four teachers offer an after-school chess club. The table shows the number of students who joined.

Grade	Number of Students
Third	12
Fourth	36
Fifth	9

Part A

The teachers will divide the total group of students who joined into teams of **no more than 6** students.

What is the **least** number of teams that will include all of the students?

Enter your answer in the box.

teams

Part B

The chess club started with 18 chess sets. The teachers ordered 3 cases of 15 chess sets. They will divide the total number of chess sets so that each teacher receives an equal number. Then they will give any extra sets to the school library.

What is the **greatest** number of chess sets each of the 4 teachers should get?

Enter your answer in the box.

chess sets

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #3: Standard 4NF.4c

Ryan makes 6 backpacks. He uses $\frac{3}{4}$ yard of cloth to make each backpack. What is the total amount of cloth, in yards, Ryan uses to make all 6 backpacks?

Enter your answer in the space provided.

Calculator interface showing a large input area and a keypad with buttons for numbers, arithmetic operations, and units.

Calculator keypad buttons:

- Undo, Redo, Clear, +, -, ×, ÷, $\frac{\square}{\square}$, $\frac{\square}{\square}$, =, <, >, (-), ?
- Numbers: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, , .
- Arithmetic and Units: ≠, [], \$, °

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.

Enter your answer in the box.

$522 \div 9 =$

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #11: Standard 4.Int.2

Mr. Kowolski ordered 35 boxes of granola bars. Each box contained 24 granola bars.
What is the total number of granola bars Mr. Kowolski ordered?

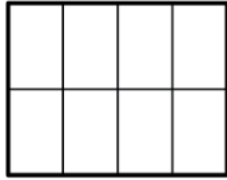
Enter your answer in the box.

granola bars

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #15: Standard 4.NF.3a

The rectangle is divided into eight equal sections.



Jodi colors 4 sections. Then she colors 3 more sections.

Which **two** of these represent the fraction of the rectangle that Jodi colors in all? Select the **two** correct answers.

A. $\frac{4}{8} + \frac{3}{8}$

B. $4 + 3$

C. $\frac{8}{4} + \frac{8}{3}$

D. $\frac{1}{8} + 3$

E. $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

1. What do you know about the problem?

2. What questions do you have?

3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #16: Standard 4.OA.2

Mr. Soto's bicycle weighs 30 pounds. Mr. Soto's car weighs 90 times as much as his bicycle. What is the weight, in pounds, of Mr. Soto's car?

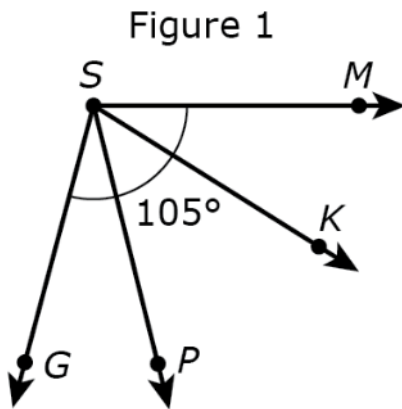
Enter your answer in the box.

pounds

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #17: Standard 4.MD.7

Two figures are shown. In Figure 1, the measure of angle MSG is 105° .



The measures of angle MSK , angle KSP , and angle PSG are shown.

Part A

Drag and drop numbers and symbols into the blanks to complete an equation that can be used to find the value of y . Each symbol may be used more than once or not at all.

Drag and drop the numbers and symbols into the correct order.

= 105

Part B

What is the value of y ?

Enter your answer in the box.




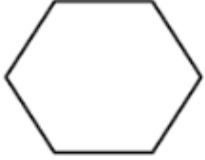

1. What do you know about the problem?

2. What questions do you have?

3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #18: Standard 4.G.2

For each figure pictured in the table, select the box for any statement that describes the figure. You may select more than one box for each figure.

	Appears to have at least 2 parallel sides	Has at least 2 perpendicular sides
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.

4th Grade PARCC EOY Sample Assessment Item #22: Standard 4.Int.8

The table shows the number of computers sold at a store in three different months.

Month	Number of Computers
January	6,521
February	2,374
March	2,498

Part A

What is the total number of computers sold at the store in the three months?

Enter your answer in the box.

computers

Part B

How many **more** computers were sold at the store in January than in both February and March combined?

Enter your answer in the box.

computers

1. What do you know about the problem?
2. What questions do you have?
3. Explain your reasoning or thinking in solving the problem.