Math
Spring 2021
Grade 3
Released Items

1. **M02429**

Lana rides her bike the same number of miles each day for 9 days. She rides a total of 63 miles. How many miles does Lana ride each day?

Enter your answer in the box.

2. **M300613**

A teacher had crayons, pencils, and markers.

Part A

The teacher had 73 crayons. She kept 17 crayons and put the remaining crayons into bags. Each bag held 8 crayons.

How many bags did the teacher use?

- A. 7
- B. 8
- C. 9
- D. 10

Part B

The teacher put all the pencils and markers into 6 boxes. Each box held 5 pencils and 4 markers.

What is the total number of pencils and markers that the teacher had?

Enter your answer in the box.

3. **M300579**

A bus arrives at a school at 2:06. Which clock shows the time the bus arrives at the school?

A.

B.

C.

D.

4. **VF558265**

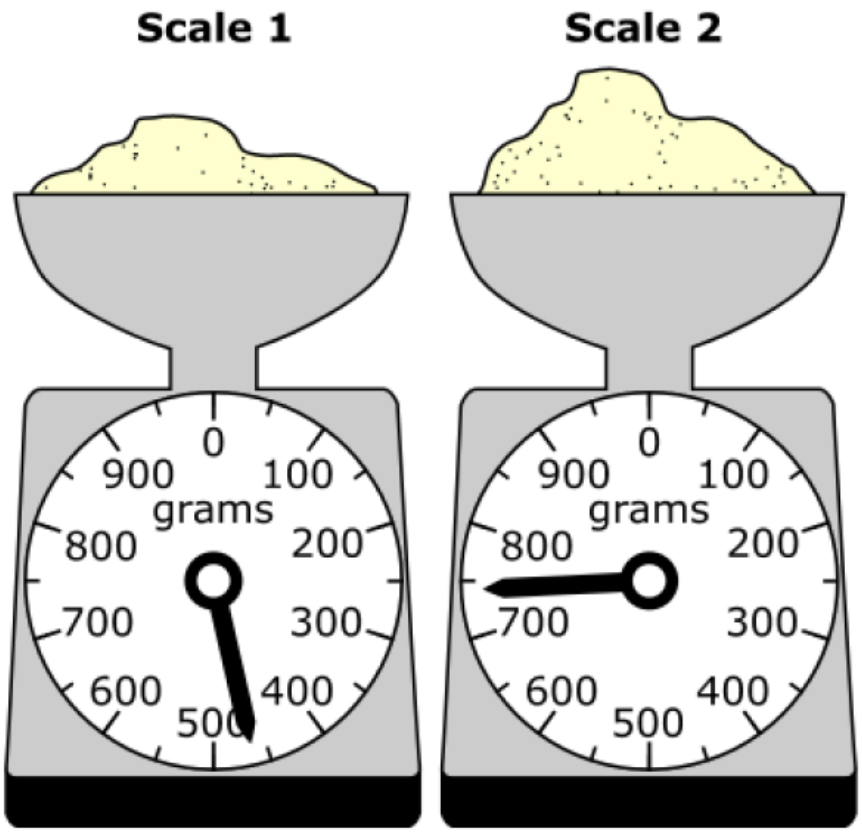
Make the equation correct.

$$7 \times ? = 28$$

Enter your answer in the box.

5. **M300615**

A student measures the masses of sand using two scales, as shown.



Part A

Which is the estimated mass, in grams, of the sand on Scale 1?

- A. 400
- B. 450
- C. 500
- D. 550

6. **M300560D**

The location of point *G* is shown on this number line. The number line is divided into equal-sized parts.

- What fraction represents the location of point *G*? Use the number line to explain how you got your answer.
- Explain how to plot $\frac{5}{3}$ on a number line.

Enter your answer and your explanations in the space provided. You may use the drawing box to add a drawing to help explain your answer and support your explanations.

Math symbols

+ − × ÷ ( ) [ ] = < > ≠ $ ° ?

Drawing Box

7. **M300594**

A student divided a square into parts of equal size. The student modeled a fraction by shading some of the parts of the square, as shown.

The student drew some more squares that are the same size as the first square. Which squares are shaded to model a fraction that is equivalent to the fraction the student modeled?

Select the **three** correct answers.

☐ A.

☐ B.

☐ C.

☐ D.

☐ E.

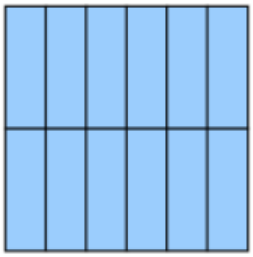
8. **M300601**

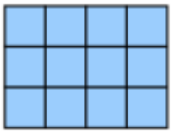
A statement about a square with side lengths of 1 inch is shown.

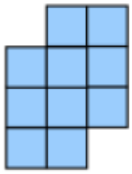
Each ▢ represents one square inch.

Based on the statement, which shapes have an area of exactly 12 square inches?

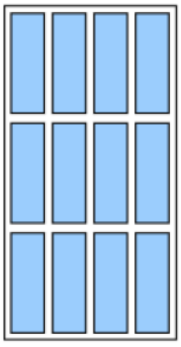
Select the **two** correct shapes.

☐ A. 

☐ B. 

☐ C. 

☐ D. 

☐ E. 

9. **M300258**

A baker makes muffins on Monday, Tuesday, and Wednesday. A total of 98 muffins are made on Monday. The table lists the number of each type of muffin made on Monday.

Muffins Made on Monday

Type	Number
apple	54
banana	39
blueberry	?

Part A

How many more apple muffins than banana muffins does the baker make on Monday?

Enter your answer in the box.

Part B

Which equation can be used to find the total number of blueberry muffins the baker makes on Monday?

A. $54 + 39 - ? = 98$

B. $54 + 39 + ? = 98$

C. $98 - 54 + 39 = ?$

D. $98 + 54 - 39 = ?$

(Continues on next page)

Part C

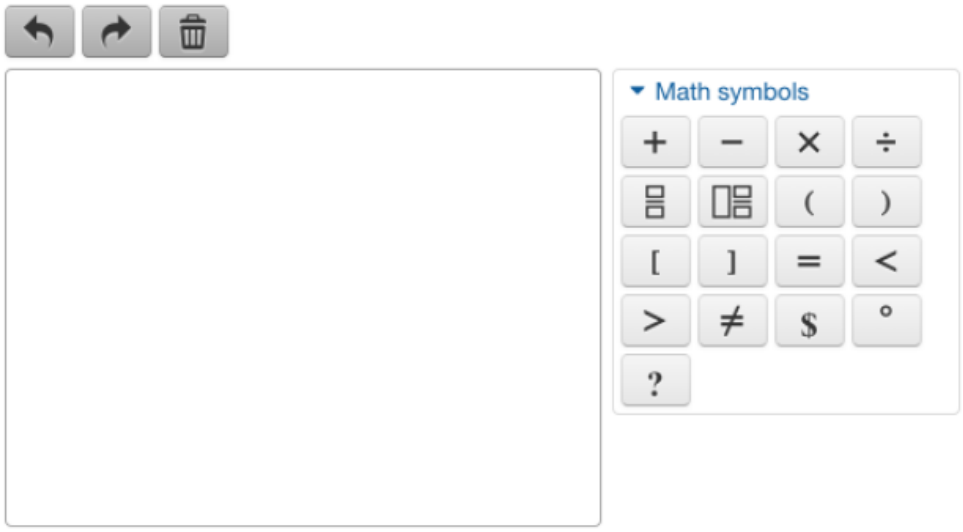
The table shows the number of muffins made on Tuesday.

Muffins Made on Tuesday

Type	Number
apple	19 fewer than on Monday
banana	58 more than on Monday
blueberry	24

- How many total muffins are made on Tuesday?
- Write an equation or equations that can be used to find the total number of muffins made on Tuesday.

Enter your answer and your equation or equations in the space provided.



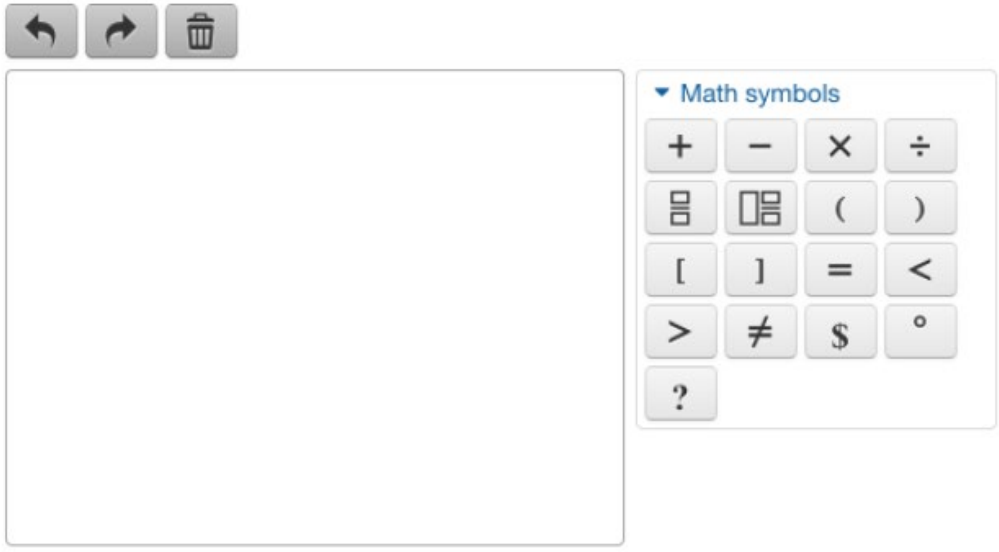
(Continues on next page)

Part D

On Wednesday, the baker makes a total of 215 muffins. The baker sells 43 apple muffins, 50 banana muffins, and 27 blueberry muffins.

- How many muffins does the baker have left?
- Use words or write an equation to explain your answer.

Enter your answer and your explanation or equation in the space provided.



10. **M300595**

What number makes the comparison $\frac{2}{3} = \frac{\boxed{?}}{6}$ true?

Enter your answer in the box.