IRVINGTON PUBLIC SCHOOLS

MATHEMATICS

SPRING BREAK REVIEW PACKAGE

GRADE 4

APRIL 2016

1. Paul made 8 jump hats. He used $\frac{2}{3}$ yards of fabric for each hat. What is the total amount of fabric, in yards, that Paul used to make the hats?

Write your answer in the box.

yards

2. A track team runs a relay race. There are 5 people on the team. Each person ran the same distance. The team ran a total of 635 feet.

What is the distance that each person ran?

feet

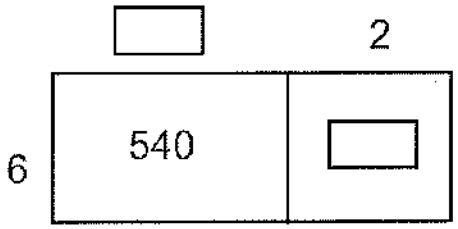
3. The height of a door is 6 feet. How many inches tall is the door?

Write your answer in the box.

inches

4. Complete the area model to find the solution: $552 \div 6 =$ ☐

Enter your answer in the boxes.

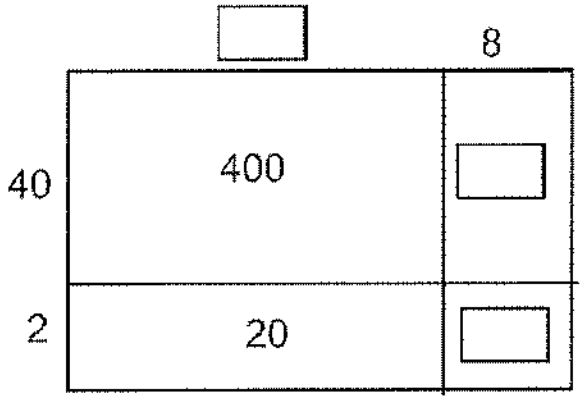


5. Write your answer in the box.

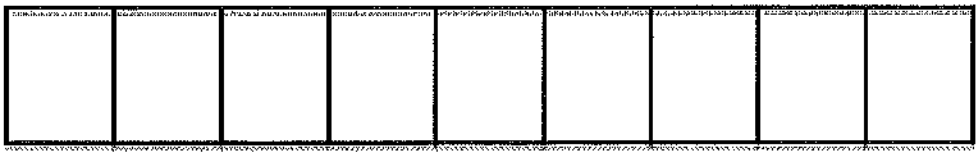
$3{,}892 + 5{,}337 =$ ☐

6. Find the product by completing the area model. $42 \times 18 =$ ☐

Enter your answers in each box.



7. This rectangle is divided into 9 equal sections.



Becky colored 4 sections and then colored 2 more sections.

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

- ☐ A, $4 + 2$
- ☐ B. $\frac{9}{4} + \frac{9}{2}$
- ☐ C. $\frac{4}{9} + \frac{2}{9}$
- ☐ D. $\frac{1}{9} + 2 + 4$
- ☐ E. $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$

8. Select **three** choices that are factor pairs for the number 45.

- ☐ A. 1 and 45
- ☐ B. 2 and 27
- ☐ C. 3 and 15
- ☐ D. 4 and 12

☐ E. 5 and 9

☐ F. 6 and 7

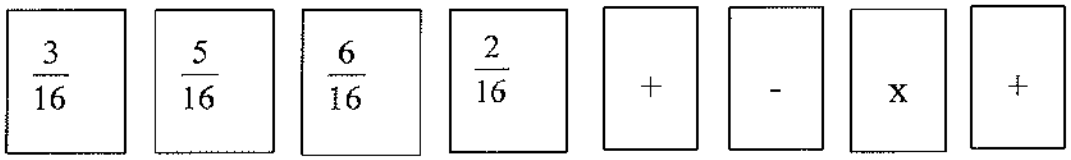
9. Each child in the summer camp chose one activity to do. This table shows the factions of all students who chose each sport.

Activity	Fraction of All Students
Lanyard Making	$\frac{3}{16}$
Pottery	$\frac{5}{16}$
Nature Walk	$\frac{2}{16}$
Swimming	$\frac{6}{16}$

PART A

Write the fractions and operations symbols into the blanks to create an equation that can be used to find *C*, the fraction of all children that chose to make lanyards or do pottery.

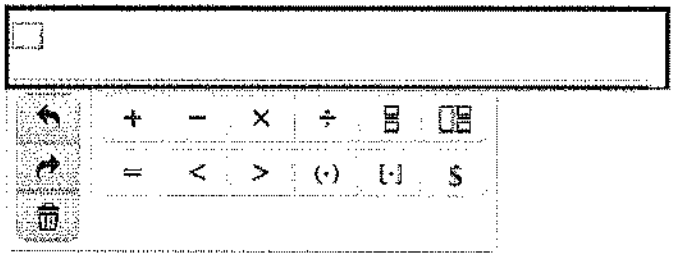
Write your answers in the correct order.



PART B

Write the fraction of students who chose either lanyard making or pottery.

Enter **ONLY** the fraction.



10. This table shows the number of cookies sold in three different months.

Month	Number of Cookies
February	2,878
March	5,364
April	1,872

What is the total number of cookies sold over the three months?

Write your answer in the box.

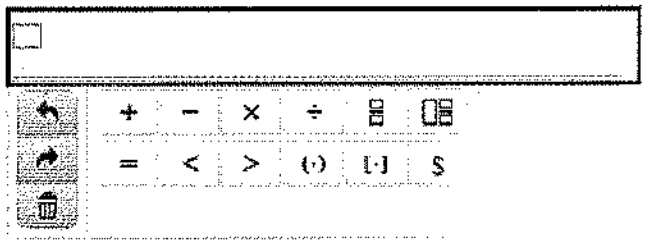
 cookies

11.

PART A

Aaron bought 4 packages of chicken wings for a barbecue. There is $\frac{5}{6}$ pound of chicken wings in each package. What is the total weight, in pounds, of chicken that Aaron bought?

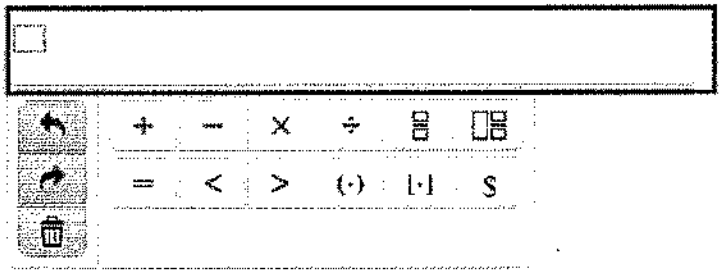
Enter **ONLY** the answer.



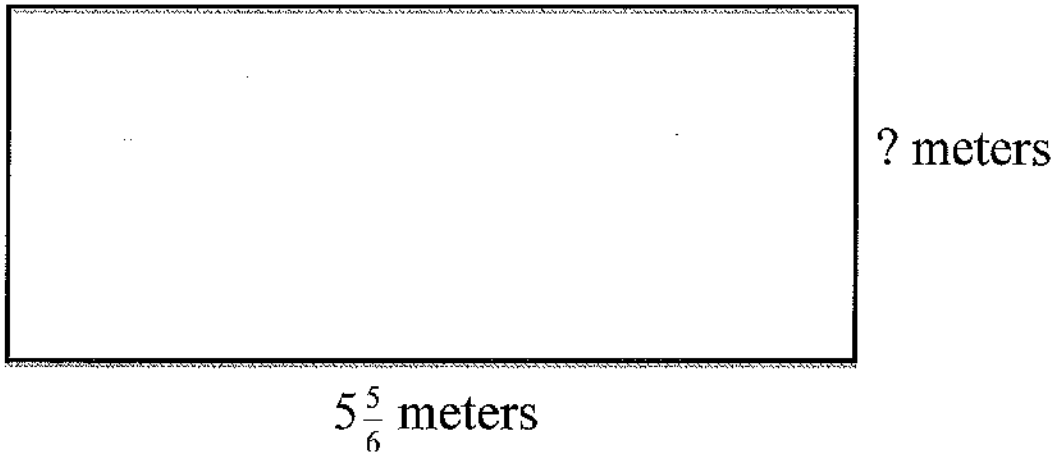
PART B

Aaron cooked all of the chicken wings. After the barbecue, Aaron had $\frac{4}{6}$ pound of chicken wings left over. What is the total weight, in pounds, of the chicken wings eaten at the barbecue?

Enter **ONLY** the answer.



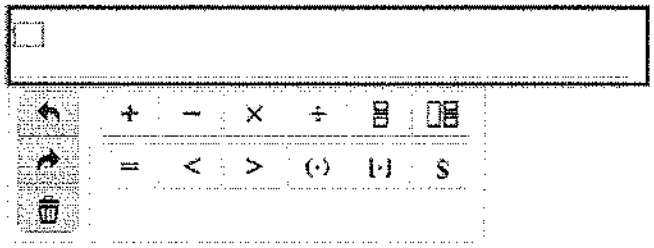
12. This model shows the school's new playground.



PART A

The perimeter of the playground is $19\frac{2}{6}$ meters. What is the width, in meters of the playground?

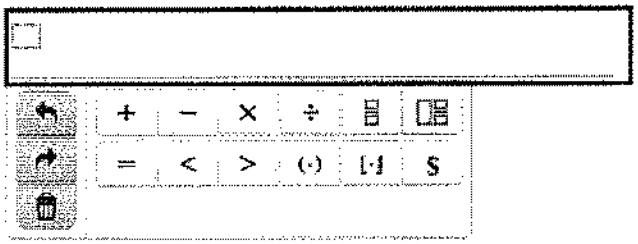
Enter **ONLY** the answer.



PART B

When they built the playground, they ran into a problem with power lines and had to shorten the length of the playground by $\frac{4}{6}$ meter. What is the new perimeter, in meters, of the playground?

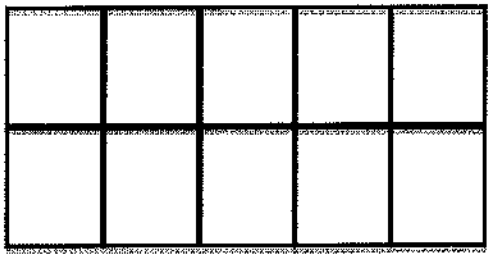
Enter **ONLY** the answer.



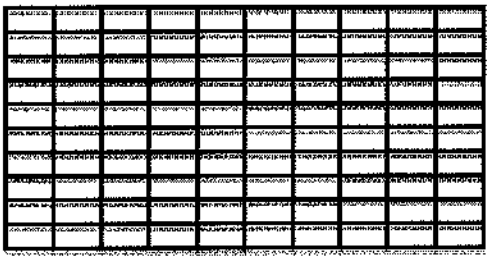
13. In this task you will compare the decimal representations of the fractions $\frac{3}{10}$ and $\frac{27}{100}$.

Two grids, Grid A and Grid B, are shown. The squares are of equal size. Grid A is divided into 10 rectangles of equal size. Grid B is divided into 100 rectangles of equal size. You can shade the rectangles and use them to help with your comparison and explanation.

Grid B



Grid B



PART A

Enter your answer in the box.

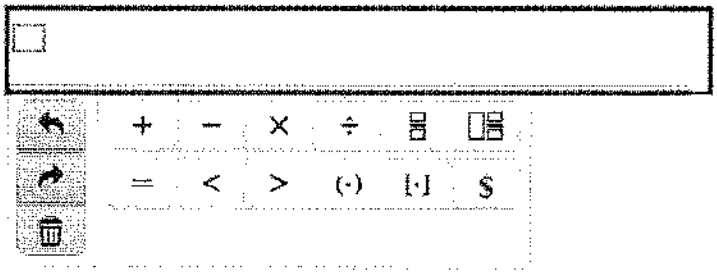
Write $\frac{3}{10}$ as a decimal. ☐

Write $\frac{27}{100}$ as a decimal. ☐

PART B

Write a fraction with a denominator of 100 that is equivalent to $\frac{3}{10}$.

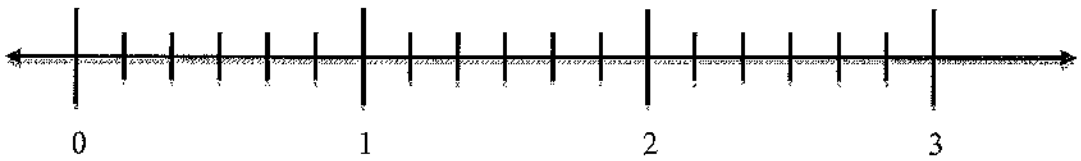
Enter **ONLY** the answer.



14. Compare the fractions $\frac{4}{3}$ and $\frac{5}{6}$.

Mark the correct point on the number line to represent $\frac{4}{3}$.

Mark the correct point on the number line to represent $\frac{5}{6}$.



Select the correct symbol.

$\frac{4}{3}$ | Choose | $\frac{5}{6}$

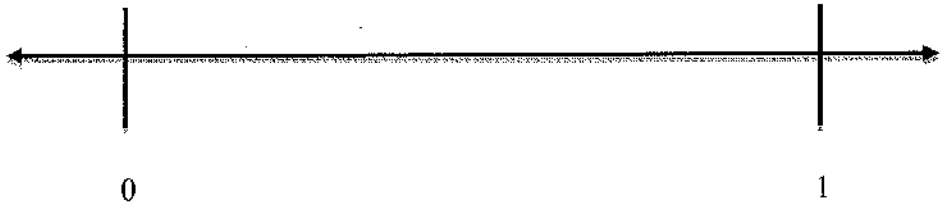
- $>$
- $<$
- $=$

15. Mrs. Jones shared some crayons among 4 of her students as follows.

- Julie received $\frac{1}{8}$ of the crayons.
- Tessa received $\frac{1}{4}$ of the crayons.
- Nadine received $\frac{1}{2}$ of the crayons.
- Melanie received ? of the crayons.

PART A

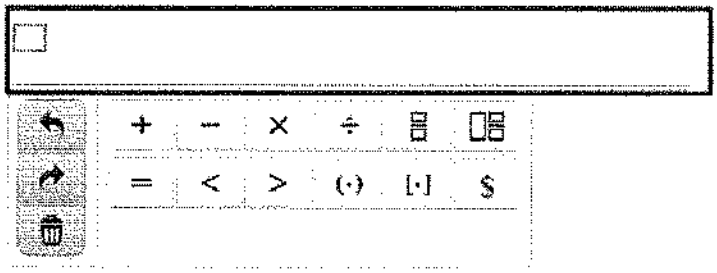
On the number line, represent the fraction of the total number of crayons that was given to Julie and Tessa combined.



PART B

What fraction of the total crayons did Melanie receive?

Enter **ONLY** the faction.



16. Mrs. Davidson has a bag of dominoes.

- She gives Sam 6 dominoes.
- She gives Scott 9 more dominoes than Sam.
- She gives Steven 5 times as many dominoes as Scott.

Mrs. Davidson has 12 dominoes left in her bag.

Enter the answers in each box.

- How many dominoes did Scott receive? ☐ dominoes
- How many dominoes did Steven receives? ☐ dominoes
- How many dominoes were in Mrs. Davidson's bag before she gave any to the students?
  ☐ dominoes

17. Drag and drop the selections to complete the chart.

Numeral	Number Name	Expanded Form
4801	four thousand eight hundred one	
	four thousand eighty one	
4018		4000+ 10 + 8

four thousand eighteen | 4810 | four thousand one hundred eight

4000 + 800 + 1 | 4000 + 80 + 1 | 4081 | 4000 + 800 + 10

18. Which expression is equivalent to 6×295?

- A. $(6 \times 2) + (6 \times 9) + (6 \times 5)$
- B. $(6 \times 5) + (6 \times 29)$
- C. $6 \times (200 + 90 + 5)$
- D. $6 \times (2 + 9 + 5)$

19. Sarah is wearing a scarf. It cost her $18. Sarah says, "My scarf costs three time more than my socks." Write a multiplication equation to find the cost (c) of Sarah's socks.