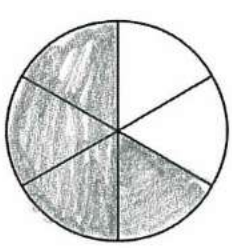
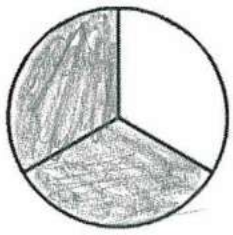
Name: Key

Date:

Trimester 3 Third Grade Math Assessment

1. Bob rode his horse for $\frac{4}{6}$ mile. Jill rode her horse for an equal distance. *(CC.3.NF.3a)*





Which fraction is equivalent to $\frac{4}{6}$?

A) $\frac{1}{3}$

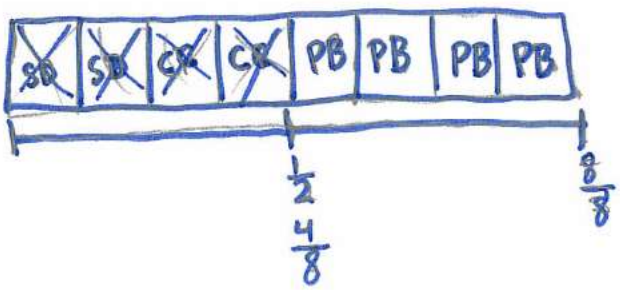
B) $\frac{2}{3}$

C) $\frac{2}{6}$

D) $\frac{4}{3}$

2. Jasmine bought 8 cookies. She chose 2 snicker doodles, 2 chocolate chip, and 4 peanut butter. She and her family ate the snicker doodles and chocolate chip cookies for dessert. *(CC.3.NF.3b)*

What fraction of the cookies did they eat? Write an equivalent fraction. Draw a picture. $\frac{4}{8}$ or $\frac{1}{2}$



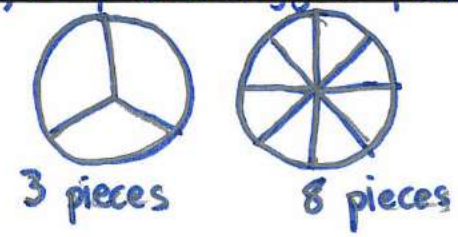
3. Jack and Melanie were picking watermelons from the garden. They were so excited to find watermelons that were the exact same size. **Jack** cut his into 3 equal pieces. **Melanie** cut hers into 8 equal pieces. *(CC.3.NF.3d)*

a. Who has the watermelon with the bigger pieces?

Jack

b. How do you know? In the space below, draw **or** write how you know.

See picture or: When you divide into 3 equal pieces, they are bigger pieces than if you divide into 8 equal pieces.



4. Andrew and Madi are reading the same book. Andrew read $\frac{2}{3}$ of the book. Madi read $\frac{4}{6}$ of the book.
Which statement is correct? *(CC.3.NF.3d)*

A) Andrew read more of the book than Madi

B) Madi read less of the book than Andrew

C) Andrew read less of the book than Madi

D) Madi and Andrew read the same amount

5. Tell the time to the nearest minute. *(CC.3.MD.1)*

10:12

6. Claire left to play at the park at 4:15. She arrived at the park at 4:46. How long did it take her to travel to the park? *(CC.3.MD.1)*

A) 20 minutes
B) 16 minutes
C) 31 minutes
D) 40 minutes

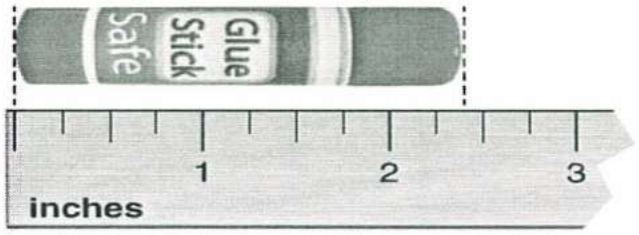
7. Kirk fills his water bottle to bring to P.E. Which is the best estimate of how much water is in his water bottle? *(CC.3.MD.2)*

A) 4 liters
B) 1 liter
C) 7 milliliters
D) 60 milliliters

8. Tammy wants to find the mass of the watermelon. Which unit should she use? *(CC.3.MD.2)*

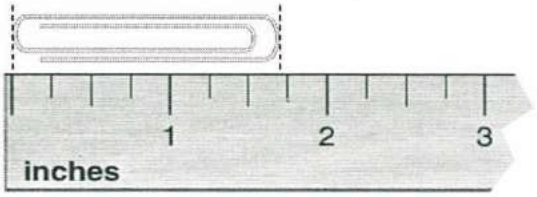
A) liter
B) kilogram
C) inch
D) gram

9. Measure to the nearest $\frac{1}{2}$ inch. *(CC.3.MD.4)*



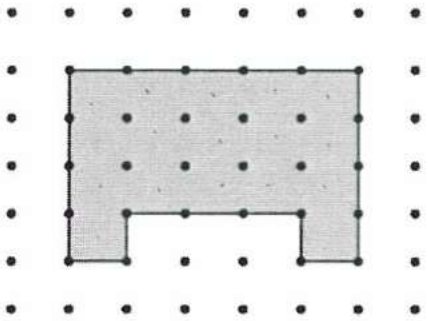
$2\frac{1}{2}$ in.

10. Measure to the nearest $\frac{1}{4}$ inch. *(CC.3.MD.4)*



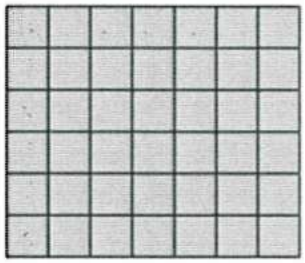
$1\frac{3}{4}$ in.

11. Reid drew the shape of a playground at school. *(CC.3.MD.5a)*



What is the area of the playground? 17 square units

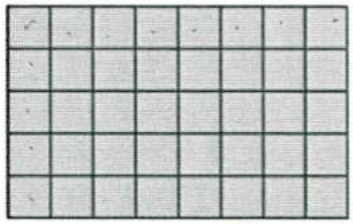
12. The drawing shows Sam's plan for a garden in his backyard. Each unit square is 1 square foot. *(CC.3.MD.7a)*



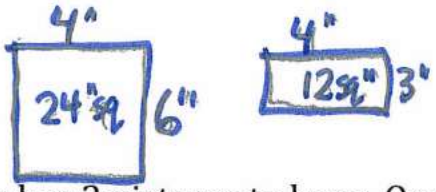
Which equation can Sam use to find the area of his garden?

A) 7 + 6 + 7 + 6 = 26
B) 7 x 6 = 42
C) 6 x 6 = 36
D) 7 x 7 = 49

13. Katie draws a sketch of a painting on the wall on grid paper. Write a multiplication sentence to show the area of the painting. *(CC.3.MD.7a)*



Multiplication Sentence: 8 x 5 = 40



14. Kacie has 2 pictures to hang. One picture is **4** inches **long** and **6** inches **wide**. The second picture has the same length as the first picture. The area of the second picture is **half** the area of the first. *(CC.3.MD.7b)*

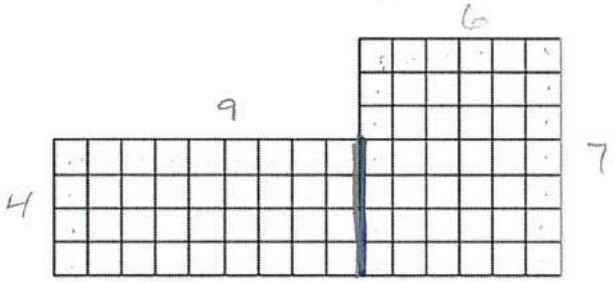
What is the **width** of the second picture? Show your work, use labels.

3 inches

15. A square piece of chocolate has sides that are 3 inches long. *(CC.3.MD.7b)*

What is the area of the piece of chocolate? 9 square in.

16. a. Mrs. Happy's classroom is shown below. Each unit square is one square foot. **Draw a line** to break apart the shape into rectangles. *(CC.3.MD.7c)*



b. Show area equations for both rectangles.

4 x 9 = 36 6 x 7 = 42

c. What is the total area of Mrs. Happy's classroom? 78 sq. ft.

17. The perimeter of Bill's sandbox is 14 feet. What is the length of side ***b***. *(CC.3.MD.8)*

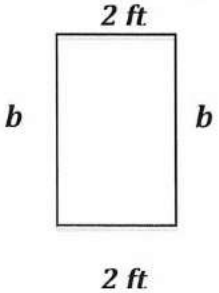
Show your work.

b = 5 ft.

2 + 2 = 4

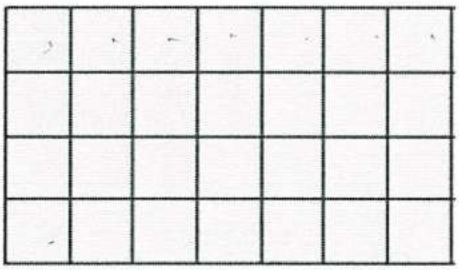
14 − 4 = 10

10 ÷ 2 = 5



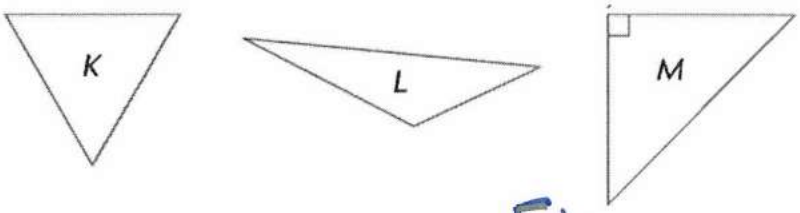
18. Alex used the Distributive Property to find the area of this rectangle. *(CC.3.MD.7d)*

Which set of multiplication and addition sentences could he have used?



A) 4 + 4 = 8; 4 + 3 = 7; 8 + 7 = 15
B) 4 + 4 = 8; 4 + 3 = 7; 8 x 7 = 56
C) 4 x 4 = 16; 4 x 3 = 12; 16 + 12 = 28
D) 4 x 7 = 28; 4 x 7 = 28; 28 + 28 = 56

19. Use the triangles to answer a-c. Write *true* or *false*. *(CC.3.G.1)*



a. All the triangles have a right angle. False

b. There are no obtuse angles. False

c. Triangle K has 3 equal sides. True

20. Describe at least **4** attributes of the rectangle shown. *(CC.3.G.1)*

answers may vary

a. opposite sides are equal

b. 4 right angles

c. opposite sides are parallel

d. 4 sides

All sides are straight (no curves)
closed shape
4 vertices