Name _____   **Assessment SOL 5.6 Fraction Practical Problems**

1. Patricia ate $\frac{1}{3}$ of nine packages of chocolate. How many whole packages of chocolate did Patricia eat? _____

    Draw a model to show your thinking.

2. May and her sister Summer helped their sister pick strawberries. May picked $6\frac{1}{2}$ pints of strawberries. Summer picked $7\frac{2}{3}$ pints of strawberries. How many more pints of strawberries did Summer pick than May?

    ☐A. $\frac{1}{6}$ ☐B. $\frac{1}{5}$ ☐C. $1\frac{1}{6}$ ☐D. $1\frac{1}{5}$

3. This chart shows the number of miles Jessica walked on each of three days.

Day	Number of Miles
1	$2\frac{1}{2}$
2	$1\frac{3}{4}$
3	$\frac{5}{6}$

    What is the total number of miles that Jessica walked on these three days?

    ☐A. $3\frac{1}{12}$ ☐B. $4\frac{1}{4}$ ☐C. $5\frac{1}{12}$ ☐D. $4\frac{1}{2}$

4. Martha read $\frac{2}{6}$ of her book on Friday and $\frac{5}{12}$ of her book on Saturday. What fraction of her book has she read?
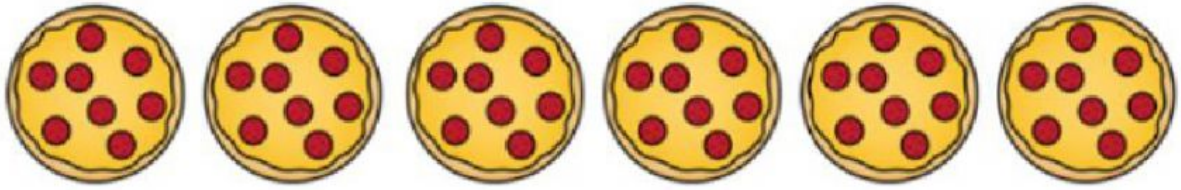
    ☐A. $\frac{2}{3}$ ☐B. $\frac{5}{12}$ ☐C. $\frac{3}{4}$ ☐D. $\frac{7}{12}$
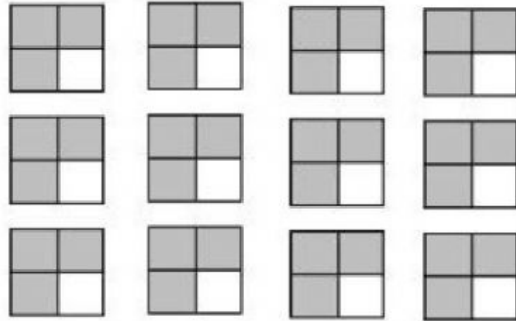
5. Macus has 6 pizzas for a party.

He only needs $\frac{2}{3}$ of the pizzas for the party. How many pizzas does Marcus need for the party?

☐A. 2   ☐B. 3   ☐C. 4   ☐D. 5

6. Kathy baked 12 batches of cookies. Of the cookies she baked, $\frac{3}{4}$ of them were chocolate chip. How many batches of chocolate chip cookies did Kathy bake?
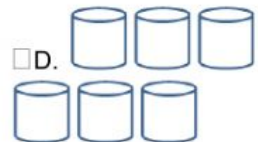
☐A. 3   ☐B. 9   ☐C. 10   ☐D. 18

7. Jack has 6 dogs. Each dog eats $\frac{1}{3}$ can of dog food each morning.

This model represents 1 can of dog food.

Which model represents the total number of cans of food that is eaten each morning?

☐A.   ☐B.   ☐C.   ☐D.

8. Diego cut a piece of wrapping paper that was 62 $\frac{3}{4}$ inches long. His friend Jaxson cut a piece of wrapping

paper that was $63\frac{3}{8}$ inches long. How much longer was Jaxson's wrapping paper than Diego's?

☐A. $1\frac{3}{8}$ ☐B. $\frac{2}{8}$ ☐C. $1\frac{5}{8}$ ☐D. $\frac{5}{8}$

9. Directions: select all of the correct answers.

Cory colored $\frac{1}{5}$ of his coloring book each day.
Select the two answers that represent the amount of the coloring book that he colored after 5 days.

☐A. $\frac{5}{5}$ ☐B. $\frac{4}{5}$ ☐C. $\frac{5}{25}$ ☐D. 1

10. Sammy used $\frac{2}{12}$ of his savings to buy a new car and $\frac{3}{4}$ of his savings to go on a trip. After his purchases, how much of his savings did he have left?

☐A. $\frac{1}{12}$ ☐B. $\frac{1}{3}$ ☐C. $\frac{11}{12}$ ☐D. $\frac{5}{12}$