Grade 5 Module 4 Topic C Quiz

1. Find the number that each expression equals. You may use the diagram below to help you.

$\frac{1}{3}$ of 21 = _____

$\frac{2}{3}$ of 21 = _____

$\frac{3}{3}$ of 21 = _____

$\frac{4}{3}$ of 21 = _____

2. Exactly $\frac{1}{4}$ of the candies in a bowl are orange. Which two statements about the candies in the bowl could be true?

A. There are 2 orange candies in the bowl of 10 candies.
B. There are 10 orange candies in the bowl of 40 candies.
C. There are 12 orange candies in the bowl of 42 candies.
D. There are 22 orange candies in the bowl of 88 candies.
E. There are 32 orange candies in the bowl of 45 candies.

3. Which expression is equivalent to $\frac{2}{3} \times 5$?

A. $3 \times 5 \div 2$
B. $2 \div 5 \times 3$
C. $2 \times 5 \div 3$
D. $3 \div 2 \times 5$

4. Randy collected 30 signatures from fifth grade students at his school. He noticed that $\frac{3}{5}$ of the signatures were done in pencil. How many of the signatures were done in pencil?

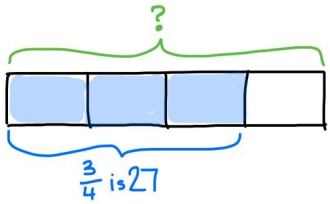
A. 3 signatures
B. 6 signatures
C. 12 signatures
D. 18 signatures

5. Use two different methods for showing $\frac{3}{4} \times 20 = 15$. Possible options: Draw a picture, use a tape diagram, use an algorithm, use repeated addition, etc.

Method 1	**Method 2**

6. Solve each problem using any method you choose.

A. $\frac{1}{4}$ of 24	B. $\frac{2}{3} \times 18$
C. $\frac{3}{7} \times 49$	D. $\frac{3}{4} \times 25$
E. $\frac{1}{5} \times 45$	F. $\frac{4}{5} \times 45$

7. $\frac{3}{4}$ of a number is 27. What is the number? 	8. $\frac{2}{5}$ of a number is 14. What is the number?