

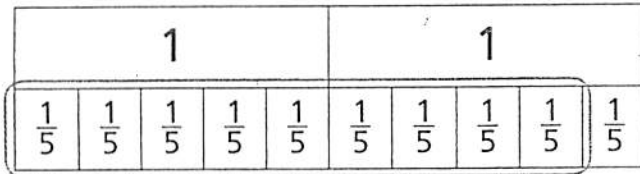


Name _____

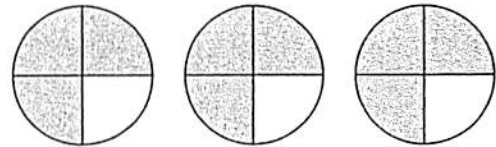
6.2 Multiply Fractions and Whole Numbers

Use the model to find the product.

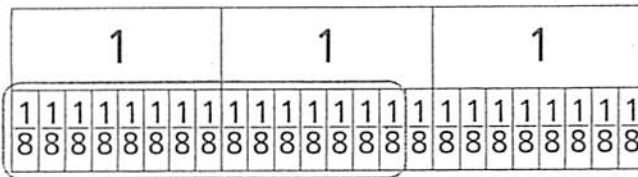
1. $\frac{9}{10} \times 2 =$ _____



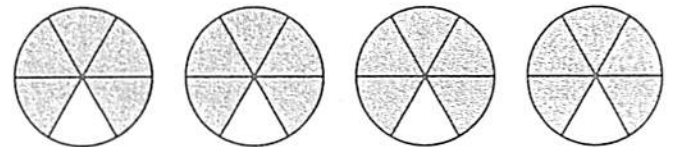
2. $\frac{3}{4} \times 3 =$ _____



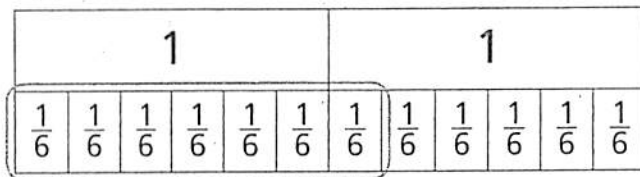
3. $\frac{5}{8} \times 3 =$ _____



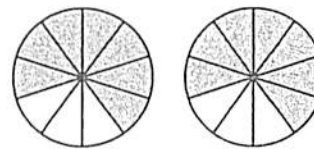
4. $\frac{5}{6} \times 4 =$ _____



5. $\frac{7}{12} \times 2 =$ _____



6. $\frac{7}{10} \times 2 =$ _____



Problem Solving

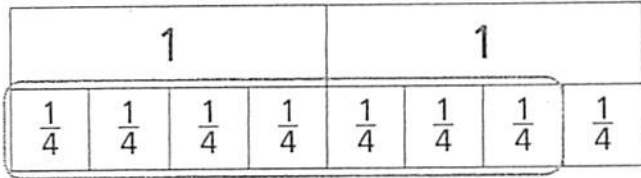


7. Chef Talbot is baking 6 blueberry pies. If he uses $\frac{3}{4}$ pint of blueberries in each pie, how many pints of blueberries will he need?

8. Mr. McGregor pours $\frac{3}{8}$ pound of dirt in each of his 4 flower pots. How much dirt does Mr. McGregor use to fill the 4 pots?

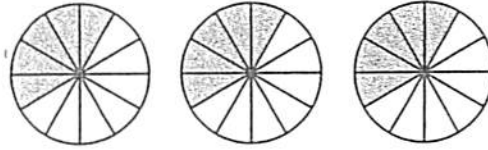
Fill in the bubble completely to show your answer.

9. Which multiplication problem does the model represent?



- (A) $\frac{1}{8} \times 2$
 (B) $\frac{7}{8} \times 2$
 (C) $\frac{1}{2} \times 4$
 (D) $\frac{1}{4} \times 8$
11. Marianne is completing a 4-mile route for charity. Every $\frac{1}{10}$ mile is marked along the route. For each mile, she runs $\frac{7}{10}$ mile and walks $\frac{3}{10}$ mile. How many miles does Marianne run?
- (A) $1\frac{1}{10}$ miles
 (B) $2\frac{4}{5}$ miles
 (C) $1\frac{1}{5}$ miles
 (D) $2\frac{2}{5}$ miles
13. **Multi-Step** Colton's recipe makes 2 dozen brownies. His recipe calls for $\frac{7}{8}$ cup of vegetable oil. How much oil will Colton need to make 6 dozen brownies?
- (A) $2\frac{5}{8}$ cups
 (B) $1\frac{3}{4}$ cups
 (C) $5\frac{1}{4}$ cups
 (D) $3\frac{1}{2}$ cups

10. Which multiplication problem does the model represent?



- (A) $\frac{5}{12} \times 3$
 (B) $\frac{7}{12} \times 3$
 (C) $\frac{3}{12} \times 5$
 (D) $\frac{1}{2} \times 3$
12. Terrance runs 5 miles each week. His brother runs $\frac{5}{6}$ the distance Terrance runs in one week. How far does Terrance's brother run in one week?
- (A) $3\frac{1}{3}$ miles
 (B) $4\frac{1}{6}$ miles
 (C) $5\frac{1}{6}$ miles
 (D) 4 miles
14. **Multi-Step** Kiesha brought 3 loaves of cornbread to a football party. $\frac{5}{12}$ of each loaf was eaten. If Kiesha gave 1 whole loaf of the leftover bread to the party hosts, what part of a loaf did she have left to take home?
- (A) $\frac{3}{4}$
 (B) $\frac{1}{4}$
 (C) $\frac{1}{2}$
 (D) $\frac{7}{12}$