Fraction and Whole Number Multiplication

Find the product. Write the product in simplest form.

1. $4 \times \frac{5}{8} =$ _____ $2\frac{1}{2}$ _____

$4 \times \frac{5}{8} = \frac{20}{8}$

$\frac{20}{8} = 2\frac{4}{8}$, or $2\frac{1}{2}$

2. $\frac{2}{9} \times 3 =$ _____

3. $\frac{4}{5} \times 10 =$ _____

4. $\frac{3}{4} \times 9 =$ _____

5. $8 \times \frac{5}{6} =$ _____

6. $7 \times \frac{1}{2} =$ _____

7. $\frac{2}{5} \times 6 =$ _____

8. $9 \times \frac{2}{3} =$ _____

9. $\frac{3}{10} \times 9 =$ _____

Problem Solving · Real World

10. Leah makes aprons to sell at a craft fair. She needs $\frac{3}{4}$ yard of material to make each apron. How much material does Leah need to make 6 aprons?

_____

11. The gas tank of Mr. Tanaka's car holds 15 gallons of gas. He used $\frac{2}{3}$ of a tank of gas last week. How many gallons of gas did Mr. Tanaka use?

_____

12. **WRITE** ▶ *Math* Write a word problem that can be solved by multiplying a whole number and a fraction. Include the solution.

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