

Multiplying a Fraction and a Whole Number

Find each product.

1. $\frac{3}{4} \times 16 =$ _____ 2. $\frac{5}{6} \times 30 =$ _____ 3. $42 \times \frac{5}{6} =$ _____
4. $\frac{1}{8}$ of 72 = _____ 5. $900 \times \frac{2}{3} =$ _____ 6. $\frac{13}{20}$ of 100 = _____
7. **Reasoning** Without multiplying, tell which is greater, $\frac{5}{6}$ of 81 or $\frac{9}{10}$ of 81. Explain.

Driving Distances

Departure City	Destination City	Distance
Pittsfield, Massachusetts	Providence, Rhode Island	132 mi
Reno, Nevada	Wendover, Utah	400 mi

8. Mike drove $\frac{1}{3}$ of the distance between Pittsfield, Massachusetts, and Providence, Rhode Island. How far did he drive? _____
9. Bimal drove $\frac{3}{5}$ of the distance between Reno, Nevada, and Wendover, Utah. How far did he drive? _____
10. **Estimation** How many more miles does Bimal have to drive to get to Wendover, Utah? _____
11. There are 25 students in Mr. Fitch's sixth-grade class. If $\frac{3}{5}$ of the students are girls, how many girls are in Mr. Fitch's class?
- A** 5 girls **B** 10 girls **C** 15 girls **D** 20 girls
12. **Writing to Explain** Explain how you would find the product of 36 and $\frac{2}{3}$.
