

2.3**Practice**

For use after Lesson 2.3

Multiply. Write the answer in simplest form.

1. $\frac{1}{6} \times \frac{5}{8}$

2. $\frac{7}{9} \times 3$

3. $\frac{8}{9} \times \frac{3}{5}$

4. $\frac{2}{7} \times \frac{7}{4}$

5. $\frac{3}{4} \times \frac{6}{11} \times \frac{3}{2}$

6. $\frac{9}{10} \times \frac{7}{9} \times \frac{5}{8}$

7. $\left(\frac{5}{8}\right)^2$

8. $\left(\frac{1}{2}\right)^2 \times \left(\frac{8}{9}\right)^2$

9. You reserve $\frac{2}{5}$ of the seats on a tour bus. You are able to fill $\frac{5}{8}$ of the seats you reserve. What fraction of the seats on the bus are you able to fill?

10. You survey 200 people about the electronics they own. The results show that $\frac{33}{40}$ people own a cell phone. Of these people, $\frac{10}{11}$ also own an MP3 player.

a. What fraction of the people own a cell phone and an MP3 player?

b. How many people own a cell phone, but not an MP3 player? Explain.