

# Lesson 3 Homework Practice

## Multiply Fractions

Multiply. Write in simplest form.

1.  $\frac{1}{4} \times \frac{3}{5}$

2.  $\frac{7}{8} \times \frac{1}{3}$

3.  $\frac{1}{2} \times \frac{3}{4}$

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

5.  $\frac{1}{3} \times 11$

6.  $\frac{1}{2} \times 12$

7.  $\frac{5}{6} \times 21$

8.  $\frac{3}{4} \times 10$

9.  $\frac{1}{4} \times \frac{4}{5}$

10.  $\frac{4}{9} \times \frac{3}{8}$

11.  $\frac{7}{10} \times \frac{4}{21}$

12.  $\frac{3}{5} \times \frac{5}{12}$

13.  $\frac{6}{7} \times \frac{1}{8}$

14.  $\frac{9}{11} \times \frac{4}{15}$

15.  $\frac{8}{9} \times \frac{9}{10}$

16.  $\frac{1}{3} \times \frac{1}{4} \times \frac{1}{5}$

17.  $\frac{3}{4} \times \frac{3}{8} \times \frac{2}{3}$

18.  $\frac{2}{3} \times \frac{12}{17} \times \frac{1}{4}$

19. **SPORTS** Of the sixth graders in a school,  $\frac{4}{5}$  play at least one sport. Of those,  $\frac{2}{3}$  play on a team. What fraction of the sixth graders play a sport on a team?

20. **AQUARIUM** A model of the ocean floor takes up  $\frac{2}{5}$  of the space in an aquarium. If  $\frac{3}{8}$  of the model is coral, what fraction of the space in the aquarium is taken up by coral?