

# Proficient

1.  $\frac{3}{4} \div \frac{2}{5}$ .

2.  $\frac{5}{6} \div \frac{1}{3}$ .

3.  $\frac{7}{8} \div \frac{7}{16}$ .

4.  $\frac{4}{5} \div \frac{2}{15}$ .

5.  $\frac{9}{10} \div \frac{3}{5}$ .

6.  $\frac{11}{12} \div \frac{1}{6}$ .

7.  $6 \div \frac{3}{4}$ .

8.  $8 \div \frac{2}{3}$ .

9.  $\frac{3}{5} \div 6$ .

10.  $\frac{7}{9} \div 2$ .

11. Fill in the blank:  $\frac{2}{3} \div \frac{\square}{5} = \frac{10}{9}$ .

12. Fill in the blank:  $\frac{\square}{4} \div \frac{1}{2} = \frac{3}{2}$ .

**13.** Is  $\frac{3}{4} \div \frac{1}{2} = \frac{3}{8}$  correct?

**14.** Is  $5 \div \frac{1}{5} = 25$  correct?

**15.** Which is greater:  $\frac{3}{4} \div \frac{1}{2}$   
or  $\frac{3}{4} \times \frac{1}{2}$ ?

**16.**  $\frac{5}{14} \div \frac{15}{28}$ .

**17.**  $\frac{13}{15} \div \frac{26}{45}$ .

**18.** Explain in one short sentence why dividing by  $\frac{1}{2}$  makes a positive number larger.