

# Proficient

1. Find the reciprocal of  $\frac{7}{3}$ .
2. Find the reciprocal of  $\frac{9}{4}$ .
3. Find the reciprocal of  $\frac{11}{5}$ .
4. Find the reciprocal of  $\frac{8}{11}$ .
5. Find the reciprocal of 12.
6. Find the reciprocal of 15.
7. Find the reciprocal of  $\frac{13}{9}$ .
8. Find the reciprocal of  $\frac{14}{5}$ .
9. Fill in the blank: the reciprocal of  $\frac{4}{9}$  is  $\frac{\square}{\square}$ .
10. Fill in the blank: the reciprocal of 7 is  $\frac{\square}{\square}$ .
11. Are  $\frac{2}{7}$  and  $\frac{7}{2}$  reciprocals?
12. Are  $\frac{3}{5}$  and  $\frac{5}{3}$  reciprocals?

**13.** Is the reciprocal of  $\frac{5}{8}$  equal to  $\frac{8}{5}$ ?

**14.** Is the reciprocal of 9 equal to  $\frac{1}{9}$ ?

**15.** Which is greater: the reciprocal of  $\frac{2}{9}$  or the reciprocal of  $\frac{9}{2}$ ?

**16.** Which is greater: the reciprocal of 3 or the reciprocal of 5?

**17.** Find the reciprocal of  $\frac{17}{12}$ .

**18.** Explain in one short sentence why the reciprocal of 1 is still 1.