Lesson 24 Workbook

Part 1

• Any value turned upside down is a value's reciprocal.

[C] • The reciprocal of $\frac{2}{3}$ is $\frac{3}{2}$.

• Any value multiplied by its reciprocal = 1

$\frac{5}{3} \times \frac{3}{5} = \frac{15}{15} = 1$

[C]

$\frac{5}{3} \times \frac{3}{5} = \frac{3}{3} \times \frac{5}{5}$

$= 1 \times 1 \times 1$

Part 2

$4 \times j = 20$

$\left(\frac{1}{4}\right) 4 \times j = 20 \left(\frac{1}{4}\right)$

$j = \frac{20}{4}$

$j = 5$

• Multiply both sides by the reciprocal.

• Do the multiplication.

• Write the simple equation.

a. $\frac{3}{5} \times m = 6$

c. $k \times 6 = 18$

b. $11 = g \times \frac{7}{2}$

d. $\frac{1}{8} \times d = 2$

TEXTBOOK PART 1 FOLLOWS.

Part 3 **For each problem, simplify then multiply to figure out the answer.**

a. $16\left(\frac{3}{6}\right) =$

c. $10\left(\frac{14}{5}\right) =$

e. $7\left(\frac{12}{4}\right) =$

b. $15\left(\frac{18}{10}\right) =$

d. $11\left(\frac{8}{22}\right) =$

TEXTBOOK PART 3 FOLLOWS.

