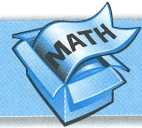


**LESSON**  
**6•2**
**Math Boxes**


1. Write the reciprocal.

a.  $\frac{3}{8}$  \_\_\_\_\_

b.  $\frac{5}{9}$  \_\_\_\_\_

c.  $1\frac{3}{4}$  \_\_\_\_\_

d. 0.68 \_\_\_\_\_



2. Divide. Simplify if possible.

a.  $8 \div \frac{4}{5} =$  \_\_\_\_\_

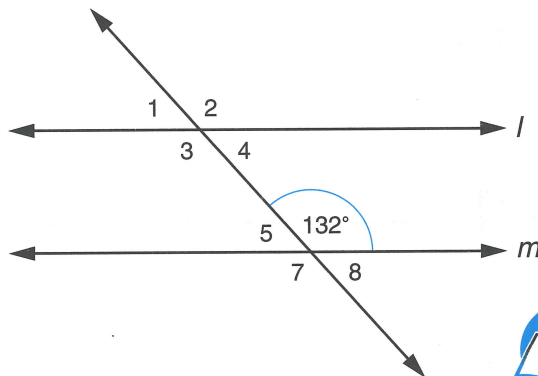
b.  $5\frac{1}{5} \div \frac{2}{5} =$  \_\_\_\_\_

c. \_\_\_\_\_  $= \frac{2}{9} \div \frac{1}{3}$

d. \_\_\_\_\_  $= \frac{9}{14} \div \frac{3}{7}$



3. Lines  $l$  and  $m$  are parallel. Without using a protractor, find the degree measure of each numbered angle. Write each measure on the drawing.



4. There are 30.48 centimeters in 1 foot.

Complete each statement.

a. \_\_\_\_\_ mm = 1 ft

b. \_\_\_\_\_ cm = 1 yd

c. 304.8 cm = \_\_\_\_\_ ft

d. \_\_\_\_\_ cm = 1 in.



5. Express each decimal as a percent.

a.  $0.82 =$  \_\_\_\_\_

b. \_\_\_\_\_  $= 0.4375$

c.  $0.077 =$  \_\_\_\_\_

d. \_\_\_\_\_  $= 0.009$



6. If you randomly pick a date in April, how many equally likely outcomes are there?

\_\_\_\_\_

Explain your answer.

\_\_\_\_\_

\_\_\_\_\_

