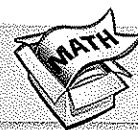


LESSON  
8•4

## Math Boxes



1. Add.

a.  $\frac{1}{4} + \frac{1}{2} =$  \_\_\_\_\_

b.  $\frac{1}{4} + \frac{5}{8} =$  \_\_\_\_\_

c.  $\frac{4}{6} + \frac{1}{3} =$  \_\_\_\_\_

d.  $\frac{1}{2} + \frac{1}{3} =$  \_\_\_\_\_

e.  $\frac{1}{6} + \frac{1}{2} =$  \_\_\_\_\_



2. Use the patterns to fill in the missing numbers.

a. 2.1, 4.2, 8.4, \_\_\_\_\_, \_\_\_\_\_

b. 50, 25, 12.5, \_\_\_\_\_, \_\_\_\_\_

c. 3.4, 10.2, 30.6, \_\_\_\_\_, \_\_\_\_\_

d. 1.5, 7.5, 37.5, \_\_\_\_\_, \_\_\_\_\_

e. 1, 4, 9, \_\_\_\_\_, \_\_\_\_\_

3. Max worked for  $3\frac{3}{4}$  hours on Monday and  $6\frac{1}{2}$  hours on Tuesday. Did he work more or less than 10 hours?

\_\_\_\_\_

Explain. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



4. Make each sentence true by inserting parentheses.

a.  $100 = 15 + 10 * 4$

b.  $4 = 24 / 4 + 2$

c.  $8 = 24 / 4 + 2$

d.  $10 - 4 / 2 * 3 = 24$

e.  $10 - 4 / 2 * 3 = 1$



5. Solve.

Solution

a.  $\frac{m}{10} = \frac{45}{50}$  \_\_\_\_\_

b.  $\frac{56}{64} = \frac{7}{n}$  \_\_\_\_\_

c.  $\frac{k}{48} = \frac{3}{8}$  \_\_\_\_\_

d.  $\frac{4}{30} = \frac{12}{p}$  \_\_\_\_\_

e.  $\frac{2}{18} = \frac{a}{180}$  \_\_\_\_\_



6. Circle the congruent angles.

