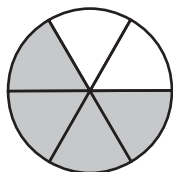


Homework

Name the fraction of the shape that is shaded and the fraction of the shape that is not shaded. Then, write an equation that shows how the two fractions make one whole.

1.

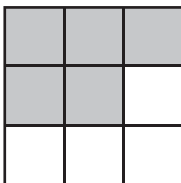


shaded: _____

unshaded: _____

equation: _____

2.

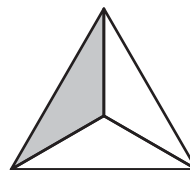


shaded: _____

unshaded: _____

equation: _____

3.



shaded: _____

unshaded: _____

equation: _____

Write the fraction that will complete each equation.

4. $1 = \frac{3}{3} = \frac{1}{3} + \underline{\hspace{2cm}}$

5. $1 = \frac{8}{8} = \frac{3}{8} + \underline{\hspace{2cm}}$

6. $1 = \frac{4}{4} = \frac{2}{4} + \underline{\hspace{2cm}}$

7. $1 = \frac{10}{10} = \frac{7}{10} + \underline{\hspace{2cm}}$

8. $1 = \frac{6}{6} = \frac{5}{6} + \underline{\hspace{2cm}}$

9. $1 = \frac{9}{9} = \frac{8}{9} + \underline{\hspace{2cm}}$

10. $1 = \frac{7}{7} = \frac{4}{7} + \underline{\hspace{2cm}}$

11. $1 = \frac{12}{12} = \frac{9}{12} + \underline{\hspace{2cm}}$

Solve.

Show your work.

12. Kim drank $\frac{1}{3}$ of a carton of milk. Joan drank $\frac{1}{4}$ of a carton of milk. Who drank more milk?

13. Maria read $\frac{1}{8}$ of a story. Darren read $\frac{1}{7}$ of the same story. Who read less of the story?

Remembering

Write = or \neq to make each statement true.

1. $25 + 25 \bigcirc 50$

2. $17 + 3 \bigcirc 30 - 10$

3. $9 + 8 \bigcirc 8 + 9$

4. $31 \bigcirc 23 + 9$

5. $3 + 1 + 12 \bigcirc 15$

6. $40 - 22 \bigcirc 18$

Solve each equation.

7. $8 \div b = 2$

$b = \underline{\hspace{2cm}}$

8. $j \div 6 = 7$

$j = \underline{\hspace{2cm}}$

9. $k = 5 \times 3$

$k = \underline{\hspace{2cm}}$

10. $q \times 10 = 90$

$q = \underline{\hspace{2cm}}$

11. $12 \times r = 36$

$r = \underline{\hspace{2cm}}$

12. $a = 7 \times 8$

$a = \underline{\hspace{2cm}}$

Write each fraction as a sum of unit fractions.

13. $\frac{4}{6} = \underline{\hspace{4cm}}$

14. $\frac{6}{8} = \underline{\hspace{4cm}}$

15. **Stretch Your Thinking** Margaret and June both made a pumpkin pie of the same size. Each cut her pie into equal pieces. Margaret's whole pie can be represented by the fraction $\frac{8}{8}$. June's whole pie can be represented by the fraction $\frac{6}{6}$. What is different about the two pies? If Margaret and June each eat 1 piece of their own pie, who will eat more? Explain how you know.
