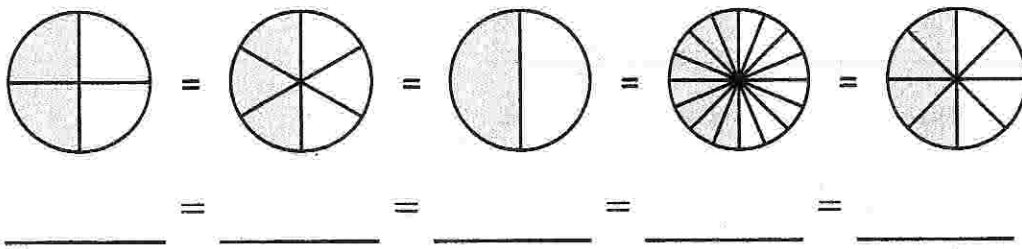


Homework

1. Write a chain of equivalent fractions for the shaded parts.



Write the multiplier or divisor for each pair of equivalent fractions.

2. $\frac{4}{12} = \frac{1}{3}$

Divisor = _____

3. $\frac{2}{9} = \frac{6}{27}$

Multiplier = _____

4. $\frac{6}{60} = \frac{1}{10}$

Divisor = _____

5. $\frac{3}{10} = \frac{15}{50}$

Multiplier = _____

6. $\frac{21}{56} = \frac{3}{8}$

Divisor = _____

7. $\frac{5}{7} = \frac{30}{42}$

Multiplier = _____

8. $\frac{4}{16} = \frac{1}{4}$

Divisor = _____

9. $\frac{5}{9} = \frac{25}{45}$

Multiplier = _____

10. $\frac{10}{60} = \frac{1}{6}$

Divisor = _____

11. $\frac{3}{7} = \frac{18}{42}$

Multiplier = _____

12. $\frac{24}{56} = \frac{3}{7}$

Divisor = _____

13. $\frac{5}{6} = \frac{35}{42}$

Multiplier = _____

Complete each exercise about the pairs of fraction bars.

14. What equivalent fractions are shown? _____

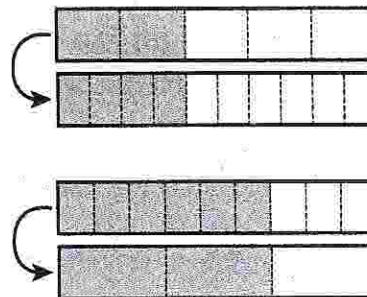
15. Identify the multiplier. _____

16. What equivalent fractions are shown? _____

17. Identify the divisor. _____

18. Write a chain with at least six equivalent fractions.

_____ = _____ = _____ = _____ = _____ = _____



Remembering

In Exercises 1–3, use this fraction bar.



1. Shade two of the equal parts. What fraction does the shaded portion model?

2. Split each equal part (each unit fraction) into two equal parts. What fraction does the shaded portion model now?

3. Fill in the boxes to show how you unsimplified the original fraction.

$$\frac{2 \times \boxed{}}{3 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

Solve.

Show your work.

4. A restaurant has 60 plates. One night, 9 groups of 6 people ate dinner at the restaurant at the same time. How many plates were not used by these diners?

5. Clara has a garden that is 7 feet wide and 4 feet long. She has 30 tomato plants to put in the garden. Each plant needs 1 square foot of space. How many leftover plants will Clara have?

6. **Stretch Your Thinking** Carol's bookshelf has 4 shelves with 6 books on each. Her brother Robert has 3 shelves with 7 books on each. They want to combine their books. If they put 9 books on a shelf, how many shelves will they need?
