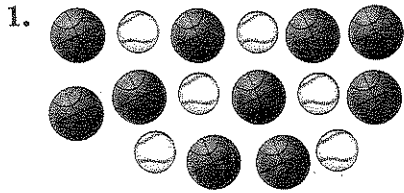


Pretest

Write each ratio as a fraction in simplest form.



baseballs to basketballs

2. 12 kittens to 15 puppies

3. **CLOTHING** At the ticket booth at a Florida Marlins game, 15 people wore turquoise and 24 people wore gray. What is the ratio of people who wore turquoise to the people who wore gray in simplest form?

4. **MUSIC** Mangi surveyed students about their favorite types of music. Find the ratio of students who chose dance to the total number of students surveyed.

Favorite Music	
Pop	7
Country	5
Dance	4

5. Write 90 words in 2 minutes as a unit rate.

6. **GRASS SEED** Mr. Ernesto spent \$72 for 3 bags of grass seed. How much did he spend on each bag?

Use the ratio table to solve the problem.

7. **MIXTURE** A mixture requires 4 cups of water for every 7 cups of flour used. How many cups of water should be used with 28 cups of flour?

Cups of Flour	7	28
Cups of Water	4	■

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

Pretest

Write each decimal as a fraction in simplest form.

1. 0.75

1. _____

2. 0.4

2. _____

Write each fraction as a decimal.

3. $\frac{4}{5}$

3. _____

4. $\frac{1}{25}$

4. _____

Write each percent as a fraction in simplest form.

5. 32%

5. _____

6. 48%

6. _____

Write each fraction as a percent.

7. $\frac{7}{20}$

7. _____

8. $\frac{1}{5}$

8. _____

Write each percent as a decimal.

9. 12%

9. _____

10. 64%

10. _____

Write each decimal as a percent.

11. 0.85

11. _____

12. 0.73

12. _____

Replace each \bullet with $<$, $>$, or $=$ to make a true statement.

13. $\frac{2}{3} \bullet \frac{3}{5}$

14. $\frac{1}{8} \bullet \frac{1}{4}$

13. _____

14. _____

Find the percent of each number.

15. 6% of 38

15. _____

16. 115% of 212

16. _____