

Name _____

Date _____

Ch. 3 Ratio Quiz

Write each ratio in simplest form.

1) $2 : 4 =$

6) $16 : 12 =$

2) $3 : 9 =$

7) $56 : 64 =$

3) $7 : 28 =$

8) $30 : 50 =$

4) $45 : 25 =$

9) $14 : 49 =$

5) $30 : 24 =$

10) $36 : 4 =$

Write the missing number.

1) $5 : 1 = 20 : \underline{\hspace{1cm}}$

6) $30 : \underline{\hspace{1cm}} = 10 : 1$

2) $5 : 9 = 25 : \underline{\hspace{1cm}}$

7) $\underline{\hspace{1cm}} : 4 = 5 : 20$

3) $3 : 10 = \underline{\hspace{1cm}} : 50$

8) $16 : 28 = 4 : \underline{\hspace{1cm}}$

4) $9 : 3 = 27 : \underline{\hspace{1cm}}$

9) $3 : 2 = 24 : \underline{\hspace{1cm}}$

5) $\underline{\hspace{1cm}} : 3 = 16 : 12$

10) $26 : 13 = 2 : \underline{\hspace{1cm}}$

A 50-inch ribbon is cut into 2 pieces. One piece is 20 inches long. Find the ratio of the length of the longer piece to the length of the shorter piece. (simplify)

Mrs. Cataldo uses 2 cups of flour to bake 12 cookies. How many cookies can she bake with 10 cups of flour?

John and Mary have \$60. Mary has twice as much money as John. What is the ratio of the entire amount of money to the amount of money that John has? (simplify)

In a class of 24 students, 2 boys and 2 girls are absent. What fraction of the students is present? (the ratio of present students to the entire class) (simplify)

Juan cuts an 8-foot board into two pieces, one piece is 3 feet long. What fraction of the entire board is of the longer piece?