

The Meaning of Ratio

A ratio is a fraction used to compare two quantities. For example, if a baseball player gets 3 hits for every 6 times at bat, the ratio of hits to times at bat is 3:6 or $\frac{3}{6} = \frac{1}{2}$. The ratio of times at bat to hits is 6:3 or $\frac{6}{3} = 2$.

Write each ratio.

1. The ratio of inches in a foot to inches in a yard

Ratio 12:36 or $\frac{12}{36} = \frac{1}{3}$

The ratio of hours in a day to hours in a week

Ratio _____

2. The ratio of cups in a pint to cups in a quart

Ratio _____

The ratio of 3 apples on a table to 6 apples in a bowl

Ratio _____

3. The ratio of cents in a quarter to cents in a dollar

Ratio _____

The ratio of 8 men to 10 women

Ratio _____

4. The ratio of cents in a half dollar to cents in a dime

Ratio _____

The ratio of 10 women to 8 men

Ratio _____

5. The ratio of 17 "yes" votes to 20 "no" votes

Ratio _____

The ratio of 5 wall outlets to 3 wall switches

Ratio _____

6. The ratio of the number of days in December to the number of days in January

Ratio _____

The ratio of 8 hours asleep to 16 hours awake

Ratio _____

7. The ratio of minutes in an hour to minutes in a half hour

Ratio _____

The ratio of 8 chicken legs to 8 chicken wings

Ratio _____

8. The ratio of 10 bolts to 4 nuts

Ratio _____

The ratio of the number of tires on a bicycle to the number of tires on an automobile

Ratio _____