Writing Ratios

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Express each ratio as a rate and unit rate.

1) 165.00 dollars for 5 books
2) 117.00 dollars for 3 books
3) 120.00 dollars for 4 books
4) 60.00 dollars for 5 books
5) 95.00 dollars for 5 books
6) 116 miles on 4 gallons of gas
7) 39 inches of snow in 13 hours
8) 60 inches of snow in 15 hours
9) 150 miles on 6 gallons of gas
10) 190 inches of snow in 38 hours
11) 66 inches of snow in 22 hours
12) 156 miles on 6 gallons of gas

Express each ratio as a fraction in the simplest form.

1) 14 cakes out of 21 cakes
2) 39 miles out of 52 miles
3) 8 dimes out of 12 coins
4) 17 dimes out of 51 coins
5) 10 cakes out of 30 cakes
6) 55 miles out of 60 miles
7) 28 dimes out of 48 coins
8) 44 cakes out of 48 cakes
9) 33 miles out of 44 miles
10) 5 cakes out of 15 cakes
11) 6 cakes out of 27 cakes
12) 4 dimes out of 28 coins

Answers of Writing Ratios

Express each ratio as a rate and unit rate.

1) 165.00 dollars for 5 books ⇒ 33.00 dollars per book

2) 117.00 dollars for 3 books ⇒ 39.00 dollars per book

3) 120.00 dollars for 4 books ⇒ 30.00 dollars per book

4) 60.00 dollars for 5 books ⇒ 12.00 dollars per book

5) 95.00 dollars for 5 books ⇒ 19.00 dollars per book

6) 116 miles on 4 gallons of gas ⇒ 29 miles per gallon

7) 39 inches of snow in 13 hours ⇒ 3 inches of snow per hour

8) 60 inches of snow in 15 hours ⇒ 4 inches of snow per hour

9) 150 miles on 6 gallons of gas ⇒ 25 miles per gallon

10) 190 inches of snow in 38 hours ⇒ 5 inches of snow per hour

11) 66 inches of snow in 22 hours ⇒ 3 inches of snow per hour

12) 156 miles on 6 gallons of gas ⇒ 26 miles per gallon

Express each ratio as a fraction in the simplest form.

1) 14 cakes out of 21 cakes ⇒ $\frac{2}{3}$

2) 39 miles out of 52 miles ⇒ $\frac{3}{4}$

3) 8 dimes out of 12 coins ⇒ $\frac{2}{3}$

4) 17 dimes out of 51 coins ⇒ $\frac{1}{3}$

5) 10 cakes out of 30 cakes ⇒ $\frac{1}{3}$

6) 55 miles out of 60 miles ⇒ $\frac{11}{12}$

7) 28 dimes out of 48 coins ⇒ $\frac{7}{12}$

8) 44 cakes out of 48 cakes ⇒ $\frac{11}{12}$

9) 33 miles out of 44 miles ⇒ $\frac{3}{4}$

10) 5 cakes out of 15 cakes ⇒ $\frac{1}{3}$

11) 6 cakes out of 27 cakes ⇒ $\frac{2}{9}$

12) 4 dimes out of 28 coins ⇒ $\frac{1}{7}$