Writing Ratios

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Express each ratio as a rate and unit rate.

1) 126.00 dollars for 6 books

2) 55.00 dollars for 5 books

3) 117 inches of snow in 39 hours

4) 145.00 dollars for 5 books

5) 39 inches of snow in 13 hours

6) 112 inches of snow in 28 hours

7) 51.00 dollars for 3 books

8) 105.00 dollars for 3 books

9) 69 miles on 3 gallons of gas

10) 150 miles on 6 gallons of gas

Express each ratio as a fraction in the simplest form.

1) 40 miles out of 50 miles

2) 5 miles out of 25 miles

3) 36 miles out of 51 miles

4) 15 miles out of 33 miles

5) 24 miles out of 28 miles

6) 35 miles out of 45 miles

7) 55 miles out of 60 miles

8) 6 cakes out of 27 cakes

9) 17 dimes out of 51 coins

10) 25 cakes out of 35 cakes

11) 40 miles out of 55 miles

12) 8 cakes out of 12 cakes

Answers of Writing Ratios

Express each ratio as a rate and unit rate.

1) 126.00 dollars for 6 books $\Rightarrow$ 21.00 dollars per book

2) 55.00 dollars for 5 books $\Rightarrow$ 11.00 dollars per book

3) 117 inches of snow in 39 hours $\Rightarrow$ 3 inches of snow per hour

4) 145.00 dollars for 5 books $\Rightarrow$ 29.00 dollars per book

5) 39 inches of snow in 13 hours $\Rightarrow$ 3 inches of snow per hour

6) 112 inches of snow in 28 hours $\Rightarrow$ 4 inches of snow per hour

7) 51.00 dollars for 3 books $\Rightarrow$ 17.00 dollars per book

8) 105.00 dollars for 3 books $\Rightarrow$ 35.00 dollars per book

9) 69 miles on 3 gallons of gas $\Rightarrow$ 23 miles per gallon

10) 150 miles on 6 gallons of gas $\Rightarrow$ 25 miles per gallon

Express each ratio as a fraction in the simplest form.

1) 40 miles out of 50 miles $\Rightarrow$ $\frac{4}{5}$

2) 5 miles out of 25 miles $\Rightarrow$ $\frac{1}{5}$

3) 36 miles out of 51 miles $\Rightarrow$ $\frac{12}{17}$

4) 15 miles out of 33 miles $\Rightarrow$ $\frac{5}{11}$

5) 24 miles out of 28 miles $\Rightarrow$ $\frac{6}{7}$

6) 35 miles out of 45 miles $\Rightarrow$ $\frac{7}{9}$

7) 55 miles out of 60 miles $\Rightarrow$ $\frac{11}{12}$

8) 6 cakes out of 27 cakes $\Rightarrow$ $\frac{2}{9}$

9) 17 dimes out of 51 coins $\Rightarrow$ $\frac{1}{3}$

10) 25 cakes out of 35 cakes $\Rightarrow$ $\frac{5}{7}$

11) 40 miles out of 55 miles $\Rightarrow$ $\frac{8}{11}$

12) 8 cakes out of 12 cakes $\Rightarrow$ $\frac{2}{3}$