Writing Ratios

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

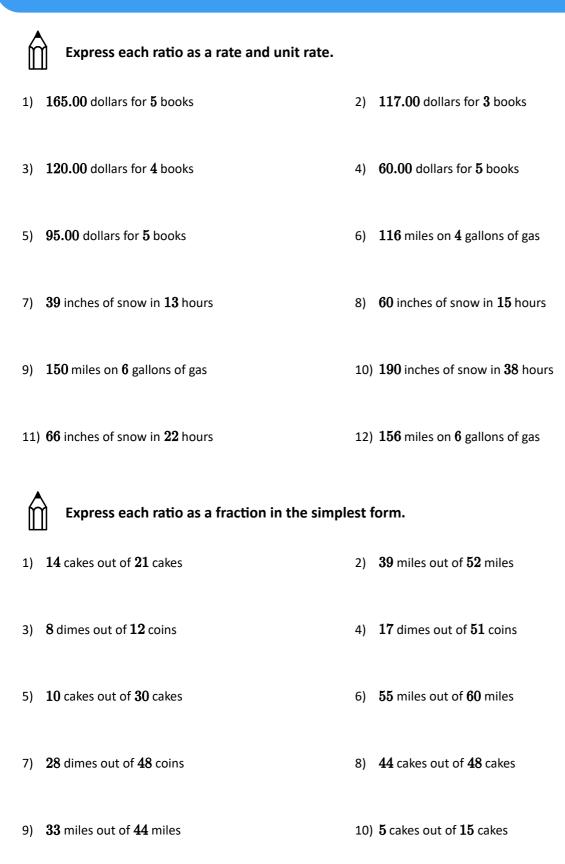9) **33** miles out of **44** miles

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 ⟹ $\frac{1}{7}$