

## Math Worksheet

### Writing Ratios

~~✎~~ Express each ratio as a rate and unite rate.

- 1) 180 miles on 6 gallons of gas.
- 2) 99 dollars for 11 books.
- 3) 35 miles on 3.5 gallons of gas
- 4) 7.5 inches of snow in 1.5 hours

~~✎~~ Express each ratio as a fraction in the simplest form.

- |                              |                                  |
|------------------------------|----------------------------------|
| 5) 6 feet out of 60 feet     | 11) 35 miles out of 120 miles    |
| 6) 14 cakes out of 49 cakes  | 12) 22 blue cars out of 55 cars  |
| 7) 32 dimes to 60 dimes      | 13) 6.9 pennies to 69 pennies    |
| 8) 18 dimes out of 63 coins  | 14) 14 beetles out of 70 insects |
| 9) 13 cups to 91 cups        | 15) 18 dimes to 54 dimes         |
| 10) 28 gallons to 42 gallons | 16) 40 red cars out of 160 cars  |

## Answers of Worksheets

### Writing Ratios

1)  $\frac{180 \text{ miles}}{6 \text{ gallons}}$ , 30 miles per gallon

3)  $\frac{35 \text{ miles}}{3.5 \text{ gallons}}$ , 10 miles per gallon

2)  $\frac{99 \text{ dollars}}{11 \text{ books}}$ , 9.00 dollars per book

4)  $\frac{7.5'' \text{ of snow}}{1.5 \text{ hours}}$ , 5 inches of snow per hour

5)  $\frac{1}{10}$

8)  $\frac{2}{7}$

11)  $\frac{7}{24}$

14)  $\frac{1}{5}$

6)  $\frac{2}{7}$

9)  $\frac{1}{7}$

12)  $\frac{2}{5}$

15)  $\frac{1}{3}$

7)  $\frac{8}{15}$

10)  $\frac{2}{3}$

13)  $\frac{1}{10}$

16)  $\frac{1}{4}$