

Name : _____

Score : _____

Teacher : _____

Date : _____

Ratios and Rates

Express each phrase as a rate and unit rate.
(Round your answer to the nearest hundredth.)

Rate

Unit Rate

1) 8 pencils for 10 dollars

2) 145 miles on 7 gallons of gas

3) 5 calculators cost \$125.00

4) 7 chocolate bars cost 15 dollars

5) 3 inches of snow in 7 hours

6) 22 dollars for 7 books

7) 10 batteries cost 22 dollars

8) 7 movie tickets cost \$25.00

9) mowed 3 yards for \$35.00

10) 7 dollars for 2 cans of tuna



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Ratios and Rates

Express each phrase as a rate and unit rate.
(Round your answer to the nearest hundredth.)

	Rate	Unit Rate
1) 8 pencils for 10 dollars	$\frac{10 \text{ dollars}}{8 \text{ pencils}}$	$\frac{1.25 \text{ dollars per pencil}}{\hspace{1.5cm}}$
2) 145 miles on 7 gallons of gas	$\frac{145 \text{ miles}}{7 \text{ gallons}}$	$\frac{20.71 \text{ miles per gallon}}{\hspace{1.5cm}}$
3) 5 calculators cost \$125.00	$\frac{125 \text{ dollars}}{5 \text{ calculators}}$	$\frac{25.00 \text{ dollars per calculator}}{\hspace{1.5cm}}$
4) 7 chocolate bars cost 15 dollars	$\frac{15 \text{ dollars}}{7 \text{ chocolate bars}}$	$\frac{2.14 \text{ dollars per chocolate bar}}{\hspace{1.5cm}}$
5) 3 inches of snow in 7 hours	$\frac{3" \text{ of snow}}{7 \text{ hours}}$	$\frac{0.43" \text{ of snow per hour}}{\hspace{1.5cm}}$
6) 22 dollars for 7 books	$\frac{22 \text{ dollars}}{7 \text{ books}}$	$\frac{3.14 \text{ dollars per book}}{\hspace{1.5cm}}$
7) 10 batteries cost 22 dollars	$\frac{22 \text{ dollars}}{10 \text{ batteries}}$	$\frac{2.20 \text{ dollars per battery}}{\hspace{1.5cm}}$
8) 7 movie tickets cost \$25.00	$\frac{25 \text{ dollars}}{7 \text{ movie tickets}}$	$\frac{3.57 \text{ dollars per movie ticket}}{\hspace{1.5cm}}$
9) mowed 3 yards for \$35.00	$\frac{35 \text{ dollars}}{3 \text{ yards}}$	$\frac{11.67 \text{ dollars per yards}}{\hspace{1.5cm}}$
10) 7 dollars for 2 cans of tuna	$\frac{7 \text{ dollars}}{2 \text{ cans}}$	$\frac{3.50 \text{ dollars per can}}{\hspace{1.5cm}}$

