1.1 Unit Rates



The following rates are about the amount of snowfall. Determine if they are unit rates. Circle YES or NO.

1. 7 inches 8 days	2. 6 inches 1 day	3. 5 inches per day
Unit Rate? YES or NO per 8 days	Unit Rate? YES or NO per day	Unit Rate? YES or NO per day
4. 5 inches per 2 days	5. $\frac{3}{2}$ inches per day	6. 0.35 inches per day
Unit Rate? YES or NO per 2 days	Unit Rate? YES or NO per day	Unit Rate? YES or NO per day

Write the following as rates both ways. Determine which rate is better to use. Express fractions in simplest form!

7. Teri pays 4 dollars for 2 gallons of milk.

gallons per dollar dollars per gallon

Which rate is better to use? Circle it above!

8. Patrick eats 12 crabby patties every 3 hours.

patties per hour hours per patty

Which rate is better to use? Circle it above!

9. You babysit 5 hours and make 30 dollars.



Which rate is better to use? Circle it above!

The speed limit is 60 mph on the highway.

60 miles per hour 60 hours per mile

Which rate is better to use? Circle it above!





Which rate is better to use? Circle it above!

12. BP sells 2 gallons of gas for 6 dollars.

gallons per dollar dollars per gallon

Which rate is better to use? Circle it above!

Write the following as a unit rate. Label your answer! Round to nearest hundredth.

13. Thanos collects 2 infinity stones in 5 weeks.

14. Apple store gets 300 customers

15. Peanuts costs \$8.50 for 2 pounds.

Determine which deal is better. Justify your solution using unit rates. Round to nearest hundredth.

16.

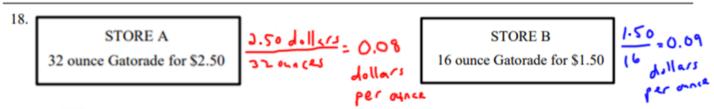
STORE A 5 dollars for 4 markers
$$\frac{5131135}{4 \text{ markers}} = 1.25 \text{ Jollars}$$
STORE B 8 dollars for 6 markers

STORE A is better because they charge \$1.25 per marker instead of \$1.50 per marker.

17.

STORE B

STORE A is better because they charge \$0.40 per ounce instead of \$0.60 per ounce.



STORE \underline{A} is better because they charge \$0.08 per ounce instead of \$0.09 per ounce.



STORE B is better because they charge \$12.50 per month instead of \$13.33 per month.