



Solve each problem.

- 1) We paid \$40 for 8 hamburgers, which is a rate of \$ ___ per hamburger.
- 2) A pencil company used 60 grams of rubber to make 10 pencils, which is a rate of ___ grams per pencil.
- 3) An industrial machine is able to make 9 pens in 3 seconds. What is the rate made per second?
- 4) It took a pet store 10 weeks to sell 80 cats. What is the rate sold per week?
- 5) For every 4 miles Vanessa jogged, Cody jogged 3 miles. If Vanessa jogged 1 miles, how far would Cody have jogged?
- 6) A tailor used 2 meters of string to make 10 Halloween masks. He used ___ of a meter for each mask.
- 7) A machine worked for 5 hours and used 4 kilowatts of electricity. The machine used ___ of a kilowatt each hour it worked.
- 8) A candy company used 8 gallons of syrup to make 4 batches of candy. What is the rate of syrup per batch?
- 9) Oliver earned \$12 for mowing 3 lawns. What is the rate earned per lawn mowed?
- 10) A baker used 4 cups of flour to make 5 batches of brownies. He used ___ of a cup of flour to make 1 batch of brownies.
- 11) A computer programmer worked for 10 hours and earned \$70, which is a rate of \$ ___ per hour.
- 12) A scientist used 2 gallons of liquid for every 3 hours he works. He uses ___ of a gallon each hour he works.
- 13) A fair owner made 18 dollars when a group of 3 people entered, which is a rate of ___ dollar per person.
- 14) Luke spent 8 days collecting cans and he managed to collect 6 pounds. He collected ___ of a pound each day.
- 15) A jogger travelled 50 kilometers in 5 days. What is the rate he travelled per day?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

16. A 6-ounce bag of raisins costs \$2.46. An 8-ounce bag of raisins costs \$3.20. Which is the better deal?

6-oz unit rate: _____

8-oz unit rate: _____

Better buy: _____

17. A 12-ounce bag of birdseed costs \$3.12. A 16-ounce bag of birdseed costs \$3.84. Which is the better deal?

12-oz unit rate: _____

16-oz unit rate: _____

Better buy: _____

18. An 8-ounce bag of sunflower seeds costs \$1.68. A 4-ounce bag of sunflower seeds costs \$0.88. Which is the better deal?

8-oz unit rate: _____

4-oz unit rate: _____

Better buy: _____

19. A 12-pound bag of dog food costs \$12.36. A 15-pound bag of dog food costs \$15.30. Which is the better deal?

12-lb unit rate: _____

15-lb unit rate: _____

Better buy: _____

20. Gina charges \$28 for 3 hours of swimming lessons. Hector charges \$18 for 2 hours of swimming lessons. Which instructor offers a better deal?

Gina unit rate: _____

Hector unit rate: _____

Better buy: _____

21. A florist can create 16 bouquets during an 8-hour workday. How many bouquets can the florist create per hour?

The BEST Buy

Instructions: For each question, calculate the unit rate for each option and determine which one is the BEST buy. Write your final choice in the last column.

- The first one is done as an example for you to follow
- Round all answers to TWO decimal places if necessary



	Option 1	Option 2	Unit Rate 1	Unit Rate 2	BEST BUY
Question #1	3 batteries for \$4.80	12 batteries for \$14.76	$\$4.80 / 3 = \1.60	$\$14.76 / 12 = \1.23	OPTION # 2 (cheaper)
Question #2	22 staplers for \$330	4 staplers for \$80			
Question #3	5 calculators for \$105	24 calculators for \$552			
Question #4	18 pens for \$6.84	30 pens for \$8.40			
Question #5	18 ounces for \$7.38	27 ounces for \$15.39			
Question #6	11 books for \$99	29 books for \$203			
Question #7	\$15.98 for 34 litres of gas	\$4.68 for 12 litres of gas			
Question #8	\$160 for 10 calendars	\$114 for 6 calendars			

Question # 9	16 pounds for \$31.68	28 pounds for \$49.56			
Question # 10	\$625 for 25 pairs of shoes	\$800 for 33 pairs of shoes			
Question # 11	3 litres of pop for \$1.89	10 litres of pop for \$6.90			
Question # 12	\$407 for 37 pairs of jeans	\$570 for 48 pairs of jeans			
Question # 13	12 chocolate bars for \$22	20 chocolate bars for \$33			
Question # 14	24 grams of turkey for \$10.08	9 grams of turkey for \$4.77			

