

Name: _____



PRACTICE



TUTORIAL

5-6 Additional Practice

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In 1–4, find each unit price.

1. 8 pencils for \$2.24

2. 5 used books for \$9.45

3. $\frac{1}{2}$ gallon of orange juice for \$3.65

4. 6 goldfish for \$7.38

In 5–8, determine which is the better value.

5. 1 pound of apples for \$2.15 or 3 pounds of apples for \$5.76

6. 8 bungee cords for \$10.00 or 20 bungee cords for \$22.00

7. 32 fluid ounces of juice for \$7.04 or 20 fluid ounces of juice for \$4.80

8. 5 ounces of insect repellent for \$6.95 or 14 ounces of insect repellent for \$19.60

In 9–11, compare the rates to find which is greater.

9. 510 visitors in 30 hours or 960 visitors in 60 hours

10. 660 miles on 20 gallons or 850 miles on 25 gallons

11. 1,080 labels on 90 sheets or 2,250 labels on 150 sheets

In 12–14, compare the rates to find which is the better value.

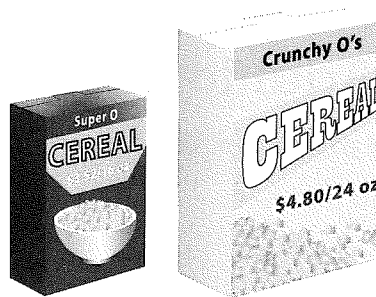
12. \$285 for 150 ft² of carpet or \$252 for 120 ft² of carpet

13. \$74 for 4 theater tickets or \$91 for 5 theater tickets

14. \$960 for 30 textbooks or \$1,625 for 50 textbooks



15. Reasoning Which box of cereal is a better value? Explain.



16. Construct Arguments Ruth is buying potatoes. Which is a better value: a 4-pound bag for \$2.40 or a 10-pound bag for \$5.20? Explain when a wiser purchase may NOT be the better value.

17. Be Precise On Monday, it snowed 30 inches in 16 hours. On Thursday, it snowed 21 inches in 6 hours. On which day did it snow at a greater rate each hour? How much more per hour?

18. Higher Order Thinking The Fleet Feet training log is shown at the right. Deana ran 462 miles. Her weekly mileage rate was greater than Pavel's rate but less than Alberto's rate. Complete the training log. How many weeks could it have taken her to run 462 miles?

Fleet Feet Training Log

Runner	Miles	Weeks	Rate per Week
Pavel	672	21	
Deana	462	?	
Alberto	420	12	

Assessment Practice

19. An office supply store sells packs of pens. Find the unit price for each pack and complete the table to identify the best value.

Packs of Pens	Unit Price
5 pens for \$4.85	
12 pens for \$11.40	
25 pens for \$24.50	
60 pens for \$57.60	

