

Classwork → Homework for Thursday 2-28-19

Using Unit Prices

show your work!

Name: _____

Solve each problem.

- 1) At the store *Brand A* potato chips were \$22.75 for 7 bags. *Brand B* potato chips were \$12.72 for 4 bags. Which brand has the cheaper price?

Brand A $\frac{\$22.75}{7 \text{ bags}} = \frac{\$3.25}{1 \text{ bag}}$ Brand B $\frac{\$12.72}{4 \text{ bags}} = \frac{\$3.18}{1 \text{ bag}} *$

- 2) At the *market* you can buy 6 bags of apples for \$29.76. At the *orchard* you can get 2 bags of apples for \$10.14. Which is the better deal?

- 3) At a farming supply store 7 pounds of seed cost \$141.96. If a farmer needed 4 pounds of seeds, how much would it cost him?

$\frac{\$141.96}{7 \text{ pounds}} \div 7 = \frac{\$20.28}{1 \text{ pound}} \times 4 = \frac{\$81.12}{4 \text{ pounds}}$

- 4) A fast food restaurant had 4 boxes of chicken *nuggets* for \$25.44. A competing restaurant had 6 boxes of chicken *fingers* for \$39.00. Which food has a higher unit price?

- 5) A store had 5 packs of paper for \$7.80. How much would it cost if you were to buy 3 packs?

- 6) The book fair had a sale where 6 books were \$43.50. If you wanted to buy 2 books, how much money would you need?

- 7) On *Monday* the price for bottled water was 5 bottles for \$13.30. On *Saturday* the price was 4 bottles for \$10.24. Which day had the higher unit price?

- 8) A store had 3 *blue* chairs for \$35.07 or 5 *red* chairs for \$58.15. Which color chair has a lower unit price?

- 9) An ice company charged \$8.16 for 6 bags of ice. If a convenience store bought 7 bags of ice, how much would it have cost them?

- 10) At the *toy store* you could get 4 board games for \$22.96. *Online* the price for 6 board games is \$33.60. Which place has the highest price for a board game?

Answers

1. Brand B

2. _____

3. \$81.12

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

→

over to the back

→

Classwork → Homework for Thursday 2-28-19



Finding Ratios and Unit Rate

Name: _____

Find the ratio and unit rate for each problem.

Ex) 3 boxes can hold 27 books

Ratio _____ Rate _____ books per box

1) 28 pints of juice in 4 containers

_____ pints per container

2) 48 centimeters of snow in 8 hours

_____ centimeters per hour

3) 65 customers in 5 checkout lanes

_____ customers per lane

4) 480 cherry pieces in 10 bags of candy

_____ pieces per bag

5) 124 dollars for mowing 4 lawns

_____ dollars per lawn

6) 87 dollars for 29 TV channels

_____ dollars per channel

7) 376 points for defeating 94 enemies

_____ points per enemy

8) 28 copies in 2 minutes

_____ copies per minute

9) 144 customers over 6 days

_____ customers per day

10) 12 pies eaten in 2 minutes

_____ pies per minute

11) 6 bags with 276 cans

_____ cans per bag

12) 3 minutes to type 273 words

_____ words per minute

13) 10 hours to drive 550 miles

_____ miles per hour

14) 6 trays with 48 ice cubes

_____ ice cubes per tray

15) 41 CDs with 533 songs

_____ songs per CD

Answers

Rate **Unit Rate**

Ex. _____ = _____

1. $\frac{28 \text{ pints}}{4 \text{ containers}} = \frac{4 \text{ pints}}{1 \text{ container}}$

2. $\frac{48 \text{ cm}}{8 \text{ hours}} = \frac{6 \text{ cm}}{1 \text{ hour}}$

3. _____ = _____

4. _____ = _____

5. _____ = _____

6. _____ = _____

7. _____ = _____

8. _____ = _____

9. _____ = _____

10. _____ = _____

11. _____ = _____

12. _____ = _____

13. _____ = _____

14. _____ = _____

15. _____ = _____