HW for Wednesday Night (front) 1/21

Using Unit Prices

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: $22.75 / 7 bags ÷7→ $3.25 / 1 bag

Brand B: $12.72 / 4 bags ÷4→ $3.18 / 1 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?

RATE: $141.96 / 7 lbs ÷7→ UNIT RATE: $20.28 / 1 lb ×4→ RATE WE ARE LOOKING FOR: $81.12 / 4 lbs

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.

1-10	90	80	70	60	50	40	30	20	10	0

* HW for Wednesday Night (back) 4/21

Finding Ratios and Unit Rate

Name:

Find the ratio and unit rate for each problem. Rate | Unit Rate

Ex) 3 boxes can hold 27 books

$\frac{27 \text{ books}}{3 \text{ boxes}} = \frac{9}{1 \text{ box}}$ (÷3, ÷3) 9 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

Ex. _____ _____

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

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					