Name:

Solve each problem.

1) The equation 35.63=(5.09)7 shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?

1. _____

2. _____

2) A construction contractor used the equation Y=KX to determine it would cost him $13.50 to buy 9 boxes of nails. How much is each box?

3. _____

4. _____

3) An ice cream truck driver determined he had made $7.56 after selling 3 ice cream bars (using the equation y=kx). How much would he have earned if he sold 7 bars?

5. _____

6. _____

4) An industrial printing machine printed 642 pages in 6 minutes. How much would it have printed in 7 minutes?

7. _____

8. _____

5) A grocery store paid $44.74 for 2 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

9. _____

10. _____

6) A baker used the equation Y=KX to calculate that he had made $51.48 after selling 4 boxes of his cookies for $12.87 each. How much would he have made had he sold 5 boxes?

7) A florist used the equation Y=KX to determine how many flowers she'd need for 7 bouquets. She determined she'd need 168 flowers. How many flowers were in each bouquet?

8) Using the equation 23.31=k7 you can calculate how much it would cost to buy 7 bags of apples. How much would it cost for 6 bags?

9) To determine how many pages would be needed to make 7 books you can use the equation, 616=(88)7. How many pages are in one book?

10) Vanessa used the equation 192=(48)4 to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 2 necklaces?

Solve each problem.

<u>**Answers**</u>

1) The equation 35.63=(5.09)7 shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?

1.   **$5.09**

2) A construction contractor used the equation Y=KX to determine it would cost him $13.50 to buy 9 boxes of nails. How much is each box?

2.   **$1.50**

3.   **$17.64**

3) An ice cream truck driver determined he had made $7.56 after selling 3 ice cream bars (using the equation y=kx). How much would he have earned if he sold 7 bars?

4.   **749**

5.   **$22.37**

4) An industrial printing machine printed 642 pages in 6 minutes. How much would it have printed in 7 minutes?

6.   **$64.35**

7.   **24**

5) A grocery store paid $44.74 for 2 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

8.   **$19.98**

9.   **88**

10.   **96**

6) A baker used the equation Y=KX to calculate that he had made $51.48 after selling 4 boxes of his cookies for $12.87 each. How much would he have made had he sold 5 boxes?

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