Examining Y=KX

Name:

Solve each problem.

1) An industrial printing machine printed 704 pages in 4 minutes. How much would it have printed in 9 minutes?

2) A grocery store paid $100.02 for 2 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 3 crates?

3) An ice cream truck driver determined he had made $6.16 after selling 4 ice cream bars (using the equation y=kx). How much would he have earned if he sold 5 bars?

4) To determine how many pages would be need to make 6 books you can use the equation, 486=(81)6. How many pages would be in 5 books?

5) Gwen used the equation 184=(46)4 to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 8 necklaces?

6) The equation Y=KX shows you would make $53.55 for recycling 9 pounds of cans. How much would you make if you recycled 6 pounds?

7) A baker used the equation Y=KX to calculate that he had made $120.60 after selling 9 boxes of his cookies. How much did he make per box?

8) A movie theater used Y=KX to calculate how much money they made selling 8 buckets of popcorn. They determined they made 35.92 dollars. How much was it for each bucket?

9) The equation 17.68=k4 shows that buying 4 bags of apples would cost 17.68 dollars. How much is it for one bag?

10) At the hardware store you can buy 5 boxes of bolts for $21.40. This can be expressed by the equation Y=KX. How much would it cost for one box?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

Examining Y=KX Name: **Answer Key**

Solve each problem.

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Answers

1. **1584**
2. **$150.03**
3. **$7.70**
4. **405**
5. **368**
6. **$35.70**
7. **$13.40**
8. **$4.49**
9. **$4.42**
10. **$4.28**

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