Solve each problem.

1) A construction contractor used the equation Y=KX to determine it would cost him $5.91 to buy 3 boxes of nails. How much is each box?

2) The equation 34.79=k7 shows that buying 7 bags of apples would cost 34.79 dollars. How much is it for one bag?

3) An industrial printing machine printed 570 pages in 3 minutes. How much would it have printed in 6 minutes?

4) An ice cream truck driver determined he had made $3.96 after selling 2 ice cream bars (using the equation y=kx). How much would he have earned if he sold 5 bars?

5) A movie theater used Y={VARKX} to calculate how much money they made selling buckets of popcorn where Y is the total and K is the price per bucket. How much would they make if they sold 9 buckets?

6) A grocery store paid $133.92 for 4 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 7 crates?

7) To determine how many pages would be needed to make 4 books you can use the equation, 244=(61)4. How many pages are in one book?

8) At the hardware store you can buy 4 boxes of bolts for $16.52. This can be expressed by the equation 16.52=(4.13)4. How much would it cost for 8 boxes?

9) A florist used the equation Y=KX to determine how many flowers she'd need for 5 bouquets. She determined she'd need 105 flowers. How many flowers were in each bouquet?

10) A baker used the equation Y=KX to calculate that he had made $66.70 after selling 5 boxes of his cookies for $13.34 each. How much would he have made had he sold 8 boxes?

Answers

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

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

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Answers

1. **$1.97**
2. **$4.97**
3. **1140**
4. **$9.90**
5. **$71.64**
6. **$234.36**
7. **61**
8. **$33.04**
9. **21**
10. **$106.72**

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