Solve each problem.

1) Using the equation 7.96=k2 you can calculate how much it would cost to buy 2 bags of apples. How much would it cost for 6 bags?

2) The equation 50.68=(12.67)4 shows how much it cost for a company to buy 4 new uniforms. How much would it cost to buy 4 new uniforms?

3) An industrial printing machine printed 3024 pages in 8 minutes. How much would it have printed in 3 minutes?

4) At the hardware store you can buy 4 boxes of bolts for $6.36. This can be expressed by the equation Y=KX. How much would it cost for one box?

5) An ice cream truck driver determined he had made $12.72 after selling 6 ice cream bars (using the equation y=kx). How much would he have earned if he sold 7 bars?

6) A movie theater used Y=KX to calculate how much money they made selling 2 buckets of popcorn. They determined they made 14.20 dollars. How much was it for each bucket?

7) A baker used the equation Y=KX to calculate that he had made $57.10 after selling 5 boxes of his cookies for $11.42 each. How much would he have made had he sold 6 boxes?

8) A grocery store paid $295.02 for 9 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

9) A construction contractor used the equation Y=KX to determine it would cost him $20.43 to buy 9 boxes of nails. How much is each box?

10) A florist used the equation Y=KX to determine how many flowers she'd need for 8 bouquets. She determined she'd need 208 flowers. How many flowers were in each bouquet?

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. **$23.88**
2. **$50.68**
3. **1134**
4. **$1.59**
5. **$14.84**
6. **$7.10**
7. **$68.52**
8. **$32.78**
9. **$2.27**
10. **26**

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