Solve each problem.

1) At the hardware store you can buy 2 boxes of bolts for $8.90. This can be expressed by the equation Y=KX. How much would it cost for one box?

2) The equation Y=KX shows you would make $45.04 for recycling 8 pounds of cans. How much would you make if you recycled 6 pounds?

3) An industrial printing machine printed 2349 pages in 9 minutes. How much would it have printed in 8 minutes?

4) A movie theater used Y=KX to calculate how much money they made selling 7 buckets of popcorn. They determined they made 31.92 dollars. How much was it for each bucket?

5) A grocery store paid $147.98 for 7 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

6) A baker used the equation Y=KX to calculate that he had made $102.41 after selling 7 boxes of his cookies. How much did he make per box?

7) A florist used the equation 72=(12)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 7 bouquets?

8) To determine how many pages would be need to make 9 books you can use the equation, 774=(86)9. How many pages would be in 6 books?

9) Robin used the equation Y=KX to determine she would need 208 beads to create 8 necklaces. How many beads did she use per necklace?

10) A construction contractor used the equation 9.16=(2.29)4 to calculate how much 4 boxes of nails would cost him. How much would 4 boxes of nails cost him?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) At the hardware store you can buy 2 boxes of bolts for $8.90. This can be expressed by the equation Y=KX. How much would it cost for one box?

1. **$4.45**

2. **$33.78**

2) The equation Y=KX shows you would make $45.04 for recycling 8 pounds of cans. How much would you make if you recycled 6 pounds?

3. **2088**

3) An industrial printing machine printed 2349 pages in 9 minutes. How much would it have printed in 8 minutes?

4. **$4.56**

5. **$21.14**

6. **$14.63**

4) A movie theater used Y=KX to calculate how much money they made selling 7 buckets of popcorn. They determined they made 31.92 dollars. How much was it for each bucket?

7. **84**

8. **516**

5) A grocery store paid $147.98 for 7 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

9. **26**

10. **$9.16**

6) A baker used the equation Y=KX to calculate that he had made $102.41 after selling 7 boxes of his cookies. How much did he make per box?

7) A florist used the equation 72=(12)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 7 bouquets?

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