Solve each problem.

1) A florist used the equation 112=(16)7 to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 6 bouquets?

1. _____

2. _____

2) Rachel used the equation Y=KX to determine she would need 156 beads to create 4 necklaces. How many beads did she use per necklace?

3. _____

4. _____

3) At the hardware store you can buy 2 boxes of bolts for $9.54. This can be expressed by the equation Y=KX. How much would it cost for one box?

5. _____

6. _____

4) The equation 42.66=k9 shows that buying 9 bags of apples would cost 42.66 dollars. How much is it for one bag?

7. _____

8. _____

5) The equation Y=KX shows you would make $40.24 for recycling 8 pounds of cans. How much would you make if you recycled 3 pounds?

9. _____

10. _____

6) A grocery store paid $105.04 for 4 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 2 crates?

7) An ice cream truck driver determined he had made $2.92 after selling 2 ice cream bars (using the equation y=kx). How much would he have earned if he sold 7 bars?

8) A movie theater used Y=KX to calculate how much money they made selling 6 buckets of popcorn. They determined they made 26.88 dollars. How much was it for each bucket?

9) An industrial printing machine printed 1065 pages in 5 minutes. How much would it have printed in 6 minutes?

10) A baker used the equation Y=KX to calculate that he had made $33.99 after selling 3 boxes of his cookies. How much did he make per box?

Math

Name:

Solve each problem.

Answers

1) A florist used the equation 112=(16)7 to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 6 bouquets?

1. ___**96**___

2. ___**39**___

2) Rachel used the equation Y=KX to determine she would need 156 beads to create 4 necklaces. How many beads did she use per necklace?

3. ___**$4.77**___

4. ___**$4.74**___

3) At the hardware store you can buy 2 boxes of bolts for $9.54. This can be expressed by the equation Y=KX. How much would it cost for one box?

5. ___**$15.09**___

6. ___**$52.52**___

4) The equation 42.66=k9 shows that buying 9 bags of apples would cost 42.66 dollars. How much is it for one bag?

7. ___**$10.22**___

8. ___**$4.48**___

5) The equation Y=KX shows you would make $40.24 for recycling 8 pounds of cans. How much would you make if you recycled 3 pounds?

9. ___**1278**___

10. ___**$11.33**___

6) A grocery store paid $105.04 for 4 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 2 crates?

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