Solve each problem.

1) The equation 21.74=(10.87)2 shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform?

1. _____

2. _____

2) A baker used the equation Y=KX to calculate that he had made $91.71 after selling 9 boxes of his cookies. How much did he make per box?

3. _____

4. _____

3) Using the equation 27.99=k9 you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 6 bags?

5. _____

6. _____

4) 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 5 buckets?

7. _____

8. _____

5) An industrial printing machine printed 2086 pages in 7 minutes. How much would it have printed in 3 minutes?

9. _____

10. _____

6) A florist used the equation 84=(14)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 3 bouquets?

7) An ice cream truck driver used the equation Y=KX to show how much money he made selling 5 ice cream bars. He determined he'd make $12.90. How much did he make per bar sold?

8) At the hardware store you can buy 6 boxes of bolts for $18.72. This can be expressed by the equation 18.72=(3.12)6. How much would it cost for 2 boxes?

9) Katie used the equation Y=KX to determine she would need 336 beads to create 8 necklaces. How many beads did she use per necklace?

10) The equation 25.56=(4.26)6 shows how much money you would make for recycling 6 pounds of cans. How much do you make per pound recycled?

Math

Solve each problem.

Answers

1) The equation 21.74=(10.87)2 shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform?

2. **$10.19**

2) A baker used the equation Y=KX to calculate that he had made $91.71 after selling 9 boxes of his cookies. How much did he make per box?

3. **$18.66**

4. **$31.70**

3) Using the equation 27.99=k9 you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 6 bags?

5. **894**

6. **42**

4) 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 5 buckets?

7. **$2.58**

8. **$6.24**

5) An industrial printing machine printed 2086 pages in 7 minutes. How much would it have printed in 3 minutes?

9. **42**

10. **$4.26**

6) A florist used the equation 84=(14)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 3 bouquets?

7) An ice cream truck driver used the equation Y=KX to show how much money he made selling 5 ice cream bars. He determined he'd make $12.90. How much did he make per bar sold?

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