Solve each problem.

1) The equation 17.25=k5 shows that buying 5 bags of apples would cost 17.25 dollars. How much is it for one bag?

2) A construction contractor used the equation Y=KX to determine it would cost him $14.76 to buy 6 boxes of nails. How much is each box?

3) A baker used the equation Y=KX to calculate that he had made $25.38 after selling 2 boxes of his cookies for $12.69 each. How much would he have made had he sold 3 boxes?

4) An ice cream truck driver used the equation Y=KX to show how much money he made selling 3 ice cream bars. He determined he'd make $4.56. How much did he make per bar sold?

5) The equation Y=KX shows you would make $7.18 for recycling 2 pounds of cans. How much would you make if you recycled 7 pounds?

6) Vanessa used the equation Y=KX to determine she would need 136 beads to create 4 necklaces. How many beads did she use per necklace?

7) To determine how many pages would be need to make 9 books you can use the equation, 459=(51)9. How many pages would be in 8 books?

8) The equation 99.63=(11.07)9 shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?

9) An industrial printing machine printed 824 pages in 8 minutes. How many pages did it print in one minute?

10) A florist used the equation 128=(16)8 to determine how many flowers she'd need for 8 bouquets. How many flowers would she need for 9 bouquets?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) The equation 17.25=k5 shows that buying 5 bags of apples would cost 17.25 dollars. How much is it for one bag?

1. **$3.45**

2) A construction contractor used the equation Y=KX to determine it would cost him $14.76 to buy 6 boxes of nails. How much is each box?

2. **$2.46**

3. **$38.07**

3) A baker used the equation Y=KX to calculate that he had made $25.38 after selling 2 boxes of his cookies for $12.69 each. How much would he have made had he sold 3 boxes?

4. **$1.52**

5. **$25.13**

4) An ice cream truck driver used the equation Y=KX to show how much money he made selling 3 ice cream bars. He determined he'd make $4.56. How much did he make per bar sold?

6. **34**

7. **408**

5) The equation Y=KX shows you would make $7.18 for recycling 2 pounds of cans. How much would you make if you recycled 7 pounds?

8. **$11.07**

9. **103**

6) Vanessa used the equation Y=KX to determine she would need 136 beads to create 4 necklaces. How many beads did she use per necklace?

10. **144**

7) To determine how many pages would be need to make 9 books you can use the equation, 459=(51)9. How many pages would be in 8 books?

8) The equation 99.63=(11.07)9 shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?

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