Examining Y=KX

Name:

Solve each problem.

1) An ice cream truck driver determined he had made $13.26 after selling 6 ice cream bars (using the equation y=kx). How much would he have earned if he sold 4 bars?

2) The equation Y=KX shows you would make $21.20 for recycling 4 pounds of cans. How much would you make if you recycled 9 pounds?

3) The equation 32.73=(10.91)3 shows how much it cost for a company to buy 3 new uniforms. How much does it cost per uniform?

4) To determine how many pages would be need to make 9 books you can use the equation, 342=(38)9. How many pages would be in 7 books?

5) An industrial printing machine printed 1017 pages in 9 minutes. How many pages did it print in one minute?

6) A construction contractor used the equation Y=KX to determine it would cost him $9.42 to buy 6 boxes of nails. How much is each box?

7) Using the equation 14.88=k3 you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 5 bags?

8) A baker used the equation Y=KX to calculate that he had made $58.45 after selling 5 boxes of his cookies for $11.69 each. How much would he have made had he sold 3 boxes?

9) At the hardware store you can buy 2 boxes of bolts for $3.98. This can be expressed by the equation Y=KX. How much would it cost for one box?

10) Haley used the equation Y=KX to determine she would need 350 beads to create 7 necklaces. How many beads did she use per necklace?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

Solve each problem.

1) An ice cream truck driver determined he had made $13.26 after selling 6 ice cream bars (using the equation y=kx). How much would he have earned if he sold 4 bars?

2) The equation Y=KX shows you would make $21.20 for recycling 4 pounds of cans. How much would you make if you recycled 9 pounds?

3) The equation 32.73=(10.91)3 shows how much it cost for a company to buy 3 new uniforms. How much does it cost per uniform?

4) To determine how many pages would be need to make 9 books you can use the equation, 342=(38)9. How many pages would be in 7 books?

5) An industrial printing machine printed 1017 pages in 9 minutes. How many pages did it print in one minute?

6) A construction contractor used the equation Y=KX to determine it would cost him $9.42 to buy 6 boxes of nails. How much is each box?

7) Using the equation 14.88=k3 you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 5 bags?

8) A baker used the equation Y=KX to calculate that he had made $58.45 after selling 5 boxes of his cookies for $11.69 each. How much would he have made had he sold 3 boxes?

9) At the hardware store you can buy 2 boxes of bolts for $3.98. This can be expressed by the equation Y=KX. How much would it cost for one box?

10) Haley used the equation Y=KX to determine she would need 350 beads to create 7 necklaces. How many beads did she use per necklace?

Answers

1. **$8.84**
2. **$47.70**
3. **$10.91**
4. **266**
5. **113**
6. **$1.57**
7. **$24.80**
8. **$35.07**
9. **$1.99**
10. **50**

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