Solve each problem.

1) To determine how many pages would be needed to make 9
    books you can use the equation, 801=(89)9. How many pages
    are in one book?

2) A movie theater used Y=4.21X 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 7 buckets?

3) An ice cream truck driver determined he had made $16.17
    after selling 7 ice cream bars (using the equation y=kx). How
    much would he have earned if he sold 4 bars?

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

5) A grocery store paid $265.41 for 9 crates of milk. This can be
    expressed by the equation Y=KX. How much was it for one
    crate?

6) A construction contractor used the equation 13.10=(2.62)5 to
    calculate how much 5 boxes of nails would cost him. How
    much would 7 boxes of nails cost him?

7) The equation 42.40=k8 shows that buying 8 bags of apples
    would cost 42.40 dollars. How much is it for one bag?

8) At the hardware store you can buy 6 boxes of bolts for
    $19.86. This can be expressed by the equation Y=KX. How
    much would it cost for one box?

9) The equation 50.08=(12.52)4 shows how much it cost for a
    company to buy 4 new uniforms. How much would it cost to
    buy 5 new uniforms?

10) The equation 10.17=(3.39)3 shows how much money you
    would make for recycling 3 pounds of cans. How much do
    you make per pound recycled?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Name:

Solve each problem.

Answers

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#	Answer
1.	**89**
2.	**$29.47**
3.	**$9.24**
4.	**25**
5.	**$29.49**
6.	**$18.34**
7.	**$5.30**
8.	**$3.31**
9.	**$62.60**
10.	**$3.39**

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