Solve each problem.

1) A florist used the equation 102=(17)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 5 bouquets?

1. _____

2. _____

2) To determine how many pages would be need to make 2 books you can use the equation, 184=(92)2. How many pages would be in 3 books?

3. _____

4. _____

3) At the hardware store you can buy 7 boxes of bolts for $11.48. This can be expressed by the equation 11.48=(1.64)7. How much would it cost for 8 boxes?

5. _____

6. _____

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

7. _____

8. _____

5) An industrial printing machine printed 1788 pages in 6 minutes. How many pages did it print in one minute?

9. _____

10. _____

6) A movie theater used Y=KX to calculate how much money they made selling 7 buckets of popcorn. They determined they made 22.33 dollars. How much was it for each bucket?

7) A baker used the equation Y=KX to calculate that he had made $69.24 after selling 6 boxes of his cookies for $11.54 each. How much would he have made had he sold 2 boxes?

8) A construction contractor used the equation 4.46=(2.23)2 to calculate how much 2 boxes of nails would cost him. How much would 6 boxes of nails cost him?

9) A grocery store paid $338.59 for 7 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 6 crates?

10) 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 $6.72. How much did he make per bar sold?

Name: **Answer Key**

Solve each problem.

Answers

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	Answers
1.	**85**
2.	**276**
3.	**$13.12**
4.	**39**
5.	**298**
6.	**$3.19**
7.	**$23.08**
8.	**$13.38**
9.	**$290.22**
10.	**$2.24**

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