Solve each problem.

1) Faye used the equation 148=(37)4 to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 6 necklaces?

2) Using the equation 48.51=k9 you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags?

3) An industrial printing machine printed 2520 pages in 9 minutes. How many pages did it print in one minute?

4) A baker used the equation Y=KX to calculate that he had made $80.22 after selling 7 boxes of his cookies for $11.46 each. How much would he have made had he sold 8 boxes?

5) A construction contractor used the equation 19.74=(2.82)7 to calculate how much 7 boxes of nails would cost him. How much would 9 boxes of nails cost him?

6) The equation 38.36=(5.48)7 shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?

7) The equation 73.15=(14.63)5 shows how much it cost for a company to buy 5 new uniforms. How much does it cost per uniform?

8) A grocery store paid $200.97 for 9 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

9) An ice cream truck driver determined he had made $8.80 after selling 4 ice cream bars (using the equation y=kx). How much would he have earned if he sold 8 bars?

10) To determine how many pages would be need to make 6 books you can use the equation, 210=(35)6. How many pages would be in 7 books?

Answers

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

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

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Answers

1. **222**
2. **$26.95**
3. **280**
4. **$91.68**
5. **$25.38**
6. **$5.48**
7. **$14.63**
8. **$22.33**
9. **$17.60**
10. **245**

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