

**Solve each problem.**

- 1) The equation $73.14=(12.19)6$ shows how much it cost for a company to buy 6 new uniforms. How much would it cost to buy 8 new uniforms?
- 2) A baker used the equation $Y=KX$ to calculate that he had made \$61.48 after selling 4 boxes of his cookies. How much did he make per box?
- 3) The equation $15.88=k4$ shows that buying 4 bags of apples would cost 15.88 dollars. How much is it for one bag?
- 4) A grocery store paid \$375.84 for 8 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 4 crates?
- 5) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 6 bouquets. She determined she'd need 132 flowers. How many flowers were in each bouquet?
- 6) At the hardware store you can buy 9 boxes of bolts for \$18.81. This can be expressed by the equation $18.81=(2.09)9$. How much would it cost for 2 boxes?
- 7) To determine how many pages would be needed to make 5 books you can use the equation, $205=(41)5$. How many pages are in one book?
- 8) An industrial printing machine printed 2793 pages in 7 minutes. How much would it have printed in 8 minutes?
- 9) The equation $Y=KX$ shows you would make \$25.04 for recycling 8 pounds of cans. How much would you make if you recycled 4 pounds?
- 10) Wendy used the equation $Y=KX$ to determine she would need 180 beads to create 6 necklaces. How many beads did she use per necklace?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
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Answers

1. \$97.52
2. \$15.37
3. \$3.97
4. \$187.92
5. 22
6. \$4.18
7. 41
8. 3192
9. \$12.52
10. 30