

**Solve each problem.****Answers**

- 1) A grocery store paid \$338.52 for 7 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 8 crates?
- 2) Using the equation $41.58=k9$ you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 4 bags?
- 3) Vanessa used the equation $Y=KX$ to determine she would need 423 beads to create 9 necklaces. How many beads did she use per necklace?
- 4) The equation $61.38=(10.23)6$ shows how much it cost for a company to buy 6 new uniforms. How much would it cost to buy 6 new uniforms?
- 5) At the hardware store you can buy 7 boxes of bolts for \$26.32. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 6) A construction contractor used the equation $Y=KX$ to determine it would cost him \$14.16 to buy 6 boxes of nails. How much is each box?
- 7) The equation $Y=KX$ shows you would make \$48.51 for recycling 9 pounds of cans. How much would you make if you recycled 3 pounds?
- 8) A movie theater used $Y=KX$ to calculate how much money they made selling 6 buckets of popcorn. They determined they made 21.72 dollars. How much was it for each bucket?
- 9) An industrial printing machine printed 1392 pages in 8 minutes. How much would it have printed in 2 minutes?
- 10) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 6 ice cream bars. He determined he'd make \$11.58. How much did he make per bar sold?

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Answers

1. **\$386.88**
2. **\$18.48**
3. **47**
4. **\$61.38**
5. **\$3.76**
6. **\$2.36**
7. **\$16.17**
8. **\$3.62**
9. **348**
10. **\$1.93**