

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

- 1) A grocery store paid \$336.72 for 8 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 2) The equation $Y=KX$ shows you would make \$25.35 for recycling 5 pounds of cans. How much would you make if you recycled 8 pounds?
- 3) A movie theater used $Y=KX$ to calculate how much money they made selling 4 buckets of popcorn. They determined they made 15.84 dollars. How much was it for each bucket?
- 4) Maria used the equation $Y=KX$ to determine she would need 155 beads to create 5 necklaces. How many beads did she use per necklace?
- 5) To determine how many pages would be need to make 7 books you can use the equation, $553=(79)7$. How many pages would be in 5 books?
- 6) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 5 ice cream bars. He determined he'd make \$9.50. How much did he make per bar sold?
- 7) Using the equation $17.22=k3$ you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 8 bags?
- 8) A florist used the equation $198=(22)9$ to determine how many flowers she'd need for 9 bouquets. How many flowers would she need for 2 bouquets?
- 9) An industrial printing machine printed 1314 pages in 9 minutes. How much would it have printed in 5 minutes?
- 10) The equation $23.88=(11.94)2$ shows how much it cost for a company to buy 2 new uniforms. How much would it cost to buy 3 new uniforms?

1. _____
2. _____
3. _____
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8. _____
9. _____
10. _____



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Answers

1. **\$42.09**
2. **\$40.56**
3. **\$3.96**
4. **31**
5. **395**
6. **\$1.90**
7. **\$45.92**
8. **44**
9. **730**
10. **\$35.82**