

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

- 1) The equation $110.32=(13.79)8$ shows how much it cost for a company to buy 8 new uniforms. How much would it cost to buy 3 new uniforms?
- 2) The equation $34.02=(5.67)6$ shows how much money you would make for recycling 6 pounds of cans. How much do you make per pound recycled?
- 3) A movie theater used $Y=\{VARKX\}$ to calculate how much money they made selling buckets of popcorn where Y is the total and K is the price per bucket. How much would they make if they sold 6 buckets?
- 4) An industrial printing machine printed 1176 pages in 8 minutes. How much would it have printed in 5 minutes?
- 5) A construction contractor used the equation $8.80=(2.2)4$ to calculate how much 4 boxes of nails would cost him. How much would 5 boxes of nails cost him?
- 6) A florist used the equation $70=(14)5$ to determine how many flowers she'd need for 5 bouquets. How many flowers would she need for 9 bouquets?
- 7) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 7 ice cream bars. He determined he'd make \$12.81. How much did he make per bar sold?
- 8) A baker used the equation $Y=KX$ to calculate that he had made \$126.48 after selling 8 boxes of his cookies. How much did he make per box?
- 9) A grocery store paid \$204.50 for 5 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 10) Janet used the equation $Y=KX$ to determine she would need 129 beads to create 3 necklaces. How many beads did she use per necklace?

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

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

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|---|-------------------|
| 1) The equation $110.32=(13.79)8$ shows how much it cost for a company to buy 8 new uniforms. How much would it cost to buy 3 new uniforms? | 1. \$41.37 |
| 2) The equation $34.02=(5.67)6$ shows how much money you would make for recycling 6 pounds of cans. How much do you make per pound recycled? | 2. \$5.67 |
| 3) A movie theater used $Y=\{VARKX\}$ to calculate how much money they made selling buckets of popcorn where Y is the total and K is the price per bucket. How much would they make if they sold 6 buckets? | 3. \$39.48 |
| 4) An industrial printing machine printed 1176 pages in 8 minutes. How much would it have printed in 5 minutes? | 4. 735 |
| 5) A construction contractor used the equation $8.80=(2.2)4$ to calculate how much 4 boxes of nails would cost him. How much would 5 boxes of nails cost him? | 5. \$11.00 |
| 6) A florist used the equation $70=(14)5$ to determine how many flowers she'd need for 5 bouquets. How many flowers would she need for 9 bouquets? | 6. 126 |
| 7) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 7 ice cream bars. He determined he'd make \$12.81. How much did he make per bar sold? | 7. \$1.83 |
| 8) A baker used the equation $Y=KX$ to calculate that he had made \$126.48 after selling 8 boxes of his cookies. How much did he make per box? | 8. \$15.81 |
| 9) A grocery store paid \$204.50 for 5 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate? | 9. \$40.90 |
| 10) Janet used the equation $Y=KX$ to determine she would need 129 beads to create 3 necklaces. How many beads did she use per necklace? | 10. 43 |