

**Solve each problem.**

- 1) An industrial printing machine printed 714 pages in 3 minutes. How many pages did it print in one minute?
- 2) A florist used the equation $84=(12)7$ to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 5 bouquets?
- 3) A movie theater used $Y=KX$ to calculate how much money they made selling 5 buckets of popcorn. They determined they made 32.55 dollars. How much was it for each bucket?
- 4) A construction contractor used the equation $20.08=(2.51)8$ to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?
- 5) An ice cream truck driver determined he had made \$10.44 after selling 4 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 2 bars?
- 6) At the hardware store you can buy 3 boxes of bolts for \$7.80. This can be expressed by the equation $7.80=(2.6)3$. How much would it cost for 5 boxes?
- 7) Gwen used the equation $Y=KX$ to determine she would need 140 beads to create 5 necklaces. How many beads did she use per necklace?
- 8) A baker used the equation $Y=KX$ to calculate that he had made \$40.92 after selling 3 boxes of his cookies. How much did he make per box?
- 9) A grocery store paid \$318.15 for 9 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 5 crates?
- 10) The equation $82.56=(13.76)6$ shows how much it cost for a company to buy 6 new uniforms. How much does it cost per uniform?

Answers

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

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Answers

1. 238
2. 60
3. \$6.51
4. \$20.08
5. \$5.22
6. \$13.00
7. 28
8. \$13.64
9. \$176.75
10. \$13.76