

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

- 1) An ice cream truck driver determined he had made \$13.44 after selling 8 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 8 bars?
- 2) A florist used the equation $57=(19)3$ to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 3 bouquets?
- 3) A baker used the equation $Y=KX$ to calculate that he had made \$30.90 after selling 2 boxes of his cookies for \$15.45 each. How much would he have made had he sold 5 boxes?
- 4) A grocery store paid \$134.40 for 3 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 7 crates?
- 5) A construction contractor used the equation $Y=KX$ to determine it would cost him \$16.73 to buy 7 boxes of nails. How much is each box?
- 6) To determine how many pages would be need to make 4 books you can use the equation, $300=(75)4$. How many pages would be in 5 books?
- 7) The equation $36.68=(5.24)7$ shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?
- 8) At the hardware store you can buy 2 boxes of bolts for \$5.68. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 9) Using the equation $10.08=k3$ you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 7 bags?
- 10) An industrial printing machine printed 1568 pages in 4 minutes. How many pages did it print in one minute?

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1. **\$13.44**
2. **57**
3. **\$77.25**
4. **\$313.60**
5. **\$2.39**
6. **375**
7. **\$5.24**
8. **\$2.84**
9. **\$23.52**
10. **392**