

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

- 1) A grocery store paid \$255.28 for 8 crates of milk. This can be expressed by the equation  $Y=KX$ . How much would they have paid for 7 crates?
- 2) An industrial printing machine printed 315 pages in 3 minutes. How many pages did it print in one minute?
- 3) A construction contractor used the equation  $3.72=(1.86)2$  to calculate how much 2 boxes of nails would cost him. How much would 8 boxes of nails cost him?
- 4) An ice cream truck driver determined he had made \$12.16 after selling 8 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 4 bars?
- 5) Debby used the equation  $189=(27)7$  to calculate many beads she would need to make 7 necklaces. How many beads would she need to make 9 necklaces?
- 6) To determine how many pages would be need to make 7 books you can use the equation,  $357=(51)7$ . How many pages would be in 3 books?
- 7) A florist used the equation  $Y=KX$  to determine how many flowers she'd need for 6 bouquets. She determined she'd need 114 flowers. How many flowers were in each bouquet?
- 8) A baker used the equation  $Y=KX$  to calculate that he had made \$26.54 after selling 2 boxes of his cookies. How much did he make per box?
- 9) The equation  $27.95=(5.59)5$  shows how much money you would make for recycling 5 pounds of cans. How much do you make per pound recycled?
- 10) The equation  $74.83=(10.69)7$  shows how much it cost for a company to buy 7 new uniforms. How much does it cost per uniform?

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**Answers**

1. **\$223.37**
2. **105**
3. **\$14.88**
4. **\$6.08**
5. **243**
6. **153**
7. **19**
8. **\$13.27**
9. **\$5.59**
10. **\$10.69**