

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

- 1) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 5 bouquets. She determined she'd need 65 flowers. How many flowers were in each bouquet?
- 2) Haley used the equation $120=(40)3$ to calculate many beads she would need to make 3 necklaces. How many beads would she need to make 2 necklaces?
- 3) The equation $10.95=(3.65)3$ shows how much money you would make for recycling 3 pounds of cans. How much do you make per pound recycled?
- 4) A grocery store paid \$45.14 for 2 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 5) A baker used the equation $Y=KX$ to calculate that he had made \$23.24 after selling 2 boxes of his cookies. How much did he make per box?
- 6) A construction contractor used the equation $4.72=(2.36)2$ to calculate how much 2 boxes of nails would cost him. How much would 7 boxes of nails cost him?
- 7) The equation $27.42=(13.71)2$ shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform?
- 8) Using the equation $38.36=k7$ you can calculate how much it would cost to buy 7 bags of apples. How much would it cost for 5 bags?
- 9) An ice cream truck driver determined he had made \$9.30 after selling 5 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 2 bars?
- 10) An industrial printing machine printed 412 pages in 2 minutes. How many pages did it print in one minute?

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



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Answers

1. 13
2. 80
3. \$3.65
4. \$22.57
5. \$11.62
6. \$16.52
7. \$13.71
8. \$27.40
9. \$3.72
10. 206