

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

- 1) An ice cream truck driver determined he had made \$2.10 after selling 2 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 3 bars?
- 2) A florist used the equation  $Y=KX$  to determine how many flowers she'd need for 6 bouquets. She determined she'd need 84 flowers. How many flowers were in each bouquet?
- 3) A baker used the equation  $Y=KX$  to calculate that he had made \$94.88 after selling 8 boxes of his cookies for \$11.86 each. How much would he have made had he sold 4 boxes?
- 4) To determine how many pages would be need to make 9 books you can use the equation,  $846=(94)9$ . How many pages would be in 8 books?
- 5) An industrial printing machine printed 882 pages in 3 minutes. How much would it have printed in 4 minutes?
- 6) A construction contractor used the equation  $Y=KX$  to determine it would cost him \$13.05 to buy 9 boxes of nails. How much is each box?
- 7) A grocery store paid \$82.68 for 3 crates of milk. This can be expressed by the equation  $Y=KX$ . How much would they have paid for 4 crates?
- 8) The equation  $25.10=k5$  shows that buying 5 bags of apples would cost 25.10 dollars. How much is it for one bag?
- 9) The equation  $113.94=(12.66)9$  shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?
- 10) A movie theater used  $Y=\{VAR KX\}$  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 5 buckets?

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**Answers**

1. \$3.15
2. 14
3. \$47.44
4. 752
5. 1176
6. \$1.45
7. \$110.24
8. \$5.02
9. \$12.66
10. \$22.65