

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

- 1) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 6 ice cream bars. He determined he'd make \$11.52. How much did he make per bar sold?
- 2) A florist used the equation $114=(19)6$ to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 5 bouquets?
- 3) At the hardware store you can buy 5 boxes of bolts for \$10.10. This can be expressed by the equation $10.10=(2.02)5$. How much would it cost for 2 boxes?
- 4) To determine how many pages would be need to make 9 books you can use the equation, $819=(91)9$. How many pages would be in 6 books?
- 5) The equation $52.64=(13.16)4$ shows how much it cost for a company to buy 4 new uniforms. How much does it cost per uniform?
- 6) A baker used the equation $Y=KX$ to calculate that he had made \$22.66 after selling 2 boxes of his cookies for \$11.33 each. How much would he have made had he sold 5 boxes?
- 7) A grocery store paid \$149.58 for 6 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 8) A construction contractor used the equation $Y=KX$ to determine it would cost him \$10.56 to buy 4 boxes of nails. How much is each box?
- 9) A movie theater used $Y=4.74X$ 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?
- 10) An industrial printing machine printed 1260 pages in 6 minutes. How many pages did it print in one minute?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
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Answers

1. **\$1.92**
2. **95**
3. **\$4.04**
4. **546**
5. **\$13.16**
6. **\$56.65**
7. **\$24.93**
8. **\$2.64**
9. **\$23.70**
10. **210**