

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

- 1) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 8 bouquets. She determined she'd need 136 flowers. How many flowers were in each bouquet?
- 2) An ice cream truck driver determined he had made \$6.45 after selling 5 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 3 bars?
- 3) At the hardware store you can buy 3 boxes of bolts for \$5.58. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 4) Using the equation $9.93=k3$ you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 4 bags?
- 5) A construction contractor used the equation $Y=KX$ to determine it would cost him \$10.08 to buy 6 boxes of nails. How much is each box?
- 6) To determine how many pages would be needed to make 2 books you can use the equation, $126=(63)2$. How many pages are in one book?
- 7) A baker used the equation $Y=KX$ to calculate that he had made \$43.00 after selling 4 boxes of his cookies for \$10.75 each. How much would he have made had he sold 9 boxes?
- 8) Carol used the equation $Y=KX$ to determine she would need 423 beads to create 9 necklaces. How many beads did she use per necklace?
- 9) An industrial printing machine printed 1710 pages in 6 minutes. How many pages did it print in one minute?
- 10) A grocery store paid \$160.80 for 8 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 2 crates?

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10. _____



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Answers

1. 17
2. \$3.87
3. \$1.86
4. \$13.24
5. \$1.68
6. 63
7. \$96.75
8. 47
9. 285
10. \$40.20