

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

- 1) An industrial printing machine printed 1119 pages in 3 minutes. How much would it have printed in 5 minutes?
- 2) Using the equation  $37.80=k7$  you can calculate how much it would cost to buy 7 bags of apples. How much would it cost for 5 bags?
- 3) The equation  $114.40=(14.3)8$  shows how much it cost for a company to buy 8 new uniforms. How much does it cost per uniform?
- 4) A florist used the equation  $Y=KX$  to determine how many flowers she'd need for 5 bouquets. She determined she'd need 150 flowers. How many flowers were in each bouquet?
- 5) A movie theater used  $Y=KX$  to calculate how much money they made selling 5 buckets of popcorn. They determined they made 37.05 dollars. How much was it for each bucket?
- 6) To determine how many pages would be need to make 7 books you can use the equation,  $385=(55)7$ . How many pages would be in 5 books?
- 7) An ice cream truck driver determined he had made \$4.12 after selling 2 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 4 bars?
- 8) Amy used the equation  $66=(33)2$  to calculate many beads she would need to make 2 necklaces. How many beads would she need to make 8 necklaces?
- 9) A baker used the equation  $Y=KX$  to calculate that he had made \$142.56 after selling 9 boxes of his cookies. How much did he make per box?
- 10) At the hardware store you can buy 8 boxes of bolts for \$9.68. This can be expressed by the equation  $Y=KX$ . How much would it cost for one box?

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**Answers**

1. **1865**
2. **\$27.00**
3. **\$14.30**
4. **30**
5. **\$7.41**
6. **275**
7. **\$8.24**
8. **264**
9. **\$15.84**
10. **\$1.21**