

**Solve each problem.**

- 1) An industrial printing machine printed 656 pages in 2 minutes. How much would it have printed in 6 minutes?
- 2) The equation  $98.73=(10.97)9$  shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?
- 3) An ice cream truck driver determined he had made \$9.36 after selling 8 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 9 bars?
- 4) Using the equation  $29.52=k9$  you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags?
- 5) At the hardware store you can buy 6 boxes of bolts for \$11.40. This can be expressed by the equation  $Y=KX$ . How much would it cost for one box?
- 6) A florist used the equation  $Y=KX$  to determine how many flowers she'd need for 9 bouquets. She determined she'd need 126 flowers. How many flowers were in each bouquet?
- 7) A grocery store paid \$85.00 for 4 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  $16.38=(2.34)7$  to calculate how much 7 boxes of nails would cost him. How much would 4 boxes of nails cost him?
- 9) A baker used the equation  $Y=KX$  to calculate that he had made \$95.46 after selling 6 boxes of his cookies. How much did he make per box?
- 10) The equation  $Y=KX$  shows you would make \$21.35 for recycling 5 pounds of cans. How much would you make if you recycled 7 pounds?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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**Answers**

1. 1968
2. \$10.97
3. \$10.53
4. \$16.40
5. \$1.90
6. 14
7. \$21.25
8. \$9.36
9. \$15.91
10. \$29.89