

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

- 1) An industrial printing machine printed 1764 pages in 9 minutes. How much would it have printed in 3 minutes?
- 2) A construction contractor used the equation $Y=KX$ to determine it would cost him \$9.44 to buy 8 boxes of nails. How much is each box?
- 3) A grocery store paid \$129.48 for 6 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 7 crates?
- 4) At the hardware store you can buy 8 boxes of bolts for \$14.00. This can be expressed by the equation $14.00=(1.75)8$. How much would it cost for 2 boxes?
- 5) A baker used the equation $Y=KX$ to calculate that he had made \$117.12 after selling 8 boxes of his cookies. How much did he make per box?
- 6) A florist used the equation $48=(24)2$ to determine how many flowers she'd need for 2 bouquets. How many flowers would she need for 5 bouquets?
- 7) To determine how many pages would be need to make 2 books you can use the equation, $114=(57)2$. How many pages would be in 7 books?
- 8) The equation $10.26=k2$ shows that buying 2 bags of apples would cost 10.26 dollars. How much is it for one bag?
- 9) The equation $Y=KX$ shows you would make \$20.52 for recycling 6 pounds of cans. How much would you make if you recycled 9 pounds?
- 10) The equation $79.87=(11.41)7$ shows how much it cost for a company to buy 7 new uniforms. How much does it cost per uniform?

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1. **588**
2. **\$1.18**
3. **\$151.06**
4. **\$3.50**
5. **\$14.64**
6. **120**
7. **399**
8. **\$5.13**
9. **\$30.78**
10. **\$11.41**