

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

- 1) A florist used the equation  $69=(23)3$  to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 4 bouquets?
- 2) An industrial printing machine printed 1985 pages in 5 minutes. How many pages did it print in one minute?
- 3) A baker used the equation  $Y=KX$  to calculate that he had made \$31.62 after selling 3 boxes of his cookies for \$10.54 each. How much would he have made had he sold 8 boxes?
- 4) An ice cream truck driver determined he had made \$8.68 after selling 7 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 4 bars?
- 5) To determine how many pages would be needed to make 9 books you can use the equation,  $783=(87)9$ . How many pages are in one book?
- 6) The equation  $24.65=k5$  shows that buying 5 bags of apples would cost 24.65 dollars. How much is it for one bag?
- 7) At the hardware store you can buy 3 boxes of bolts for \$6.72. This can be expressed by the equation  $Y=KX$ . How much would it cost for one box?
- 8) A construction contractor used the equation  $7.70=(1.54)5$  to calculate how much 5 boxes of nails would cost him. How much would 3 boxes of nails cost him?
- 9) The equation  $41.68=(5.21)8$  shows how much money you would make for recycling 8 pounds of cans. How much do you make per pound recycled?
- 10) The equation  $54.64=(13.66)4$  shows how much it cost for a company to buy 4 new uniforms. How much does it cost per uniform?

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**Answers**

1. 92
2. 397
3. \$84.32
4. \$4.96
5. 87
6. \$4.93
7. \$2.24
8. \$4.62
9. \$5.21
10. \$13.66