

**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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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**