

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

- 1) To determine how many pages would be need to make 4 books you can use the equation, $116=(29)4$. How many pages would be in 8 books?
- 2) A construction contractor used the equation $Y=KX$ to determine it would cost him \$5.01 to buy 3 boxes of nails. How much is each box?
- 3) A grocery store paid \$75.88 for 2 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 4) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 6 bouquets. She determined she'd need 156 flowers. How many flowers were in each bouquet?
- 5) At the hardware store you can buy 3 boxes of bolts for \$10.83. This can be expressed by the equation $10.83=(3.61)3$. How much would it cost for 4 boxes?
- 6) The equation $31.05=(10.35)3$ shows how much it cost for a company to buy 3 new uniforms. How much would it cost to buy 9 new uniforms?
- 7) The equation $Y=KX$ shows you would make \$35.64 for recycling 9 pounds of cans. How much would you make if you recycled 6 pounds?
- 8) An industrial printing machine printed 1092 pages in 6 minutes. How many pages did it print in one minute?
- 9) An ice cream truck driver determined he had made \$9.59 after selling 7 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 8 bars?
- 10) Using the equation $8.70=k2$ you can calculate how much it would cost to buy 2 bags of apples. How much would it cost for 4 bags?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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Answers

1. 232
2. \$1.67
3. \$37.94
4. 26
5. \$14.44
6. \$93.15
7. \$23.76
8. 182
9. \$10.96
10. \$17.40