

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

- 1) The equation  $36.42=(12.14)3$  shows how much it cost for a company to buy 3 new uniforms. How much does it cost per uniform?
- 2) Nancy used the equation  $343=(49)7$  to calculate many beads she would need to make 7 necklaces. How many beads would she need to make 8 necklaces?
- 3) An ice cream truck driver determined he had made \$12.78 after selling 6 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 4 bars?
- 4) The equation  $23.16=(5.79)4$  shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 5) A grocery store paid \$249.00 for 6 crates of milk. This can be expressed by the equation  $Y=KX$ . How much would they have paid for 8 crates?
- 6) At the hardware store you can buy 4 boxes of bolts for \$7.96. This can be expressed by the equation  $Y=KX$ . How much would it cost for one box?
- 7) A florist used the equation  $Y=KX$  to determine how many flowers she'd need for 3 bouquets. She determined she'd need 72 flowers. How many flowers were in each bouquet?
- 8) An industrial printing machine printed 1392 pages in 4 minutes. How much would it have printed in 9 minutes?
- 9) To determine how many pages would be need to make 3 books you can use the equation,  $291=(97)3$ . How many pages would be in 4 books?
- 10) The equation  $41.79=k7$  shows that buying 7 bags of apples would cost 41.79 dollars. How much is it for one bag?

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**Answers**

1. \$12.14
2. 392
3. \$8.52
4. \$5.79
5. \$332.00
6. \$1.99
7. 24
8. 3132
9. 388
10. \$5.97