

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

- 1) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 8 bouquets. She determined she'd need 176 flowers. How many flowers were in each bouquet?
- 2) A grocery store paid \$218.10 for 5 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 3) The equation $95.04=(11.88)8$ shows how much it cost for a company to buy 8 new uniforms. How much does it cost per uniform?
- 4) A construction contractor used the equation $13.23=(1.47)9$ to calculate how much 9 boxes of nails would cost him. How much would 2 boxes of nails cost him?
- 5) To determine how many pages would be needed to make 5 books you can use the equation, $415=(83)5$. How many pages are in one book?
- 6) The equation $19.90=(3.98)5$ shows how much money you would make for recycling 5 pounds of cans. How much do you make per pound recycled?
- 7) An ice cream truck driver determined he had made \$3.72 after selling 3 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 9 bars?
- 8) Using the equation $25.55=k7$ you can calculate how much it would cost to buy 7 bags of apples. How much would it cost for 6 bags?
- 9) At the hardware store you can buy 6 boxes of bolts for \$24.90. This can be expressed by the equation $24.90=(4.15)6$. How much would it cost for 2 boxes?
- 10) Janet used the equation $Y=KX$ to determine she would need 384 beads to create 8 necklaces. How many beads did she use per necklace?

1. _____
2. _____
3. _____
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5. _____
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Answers

1. 22
2. \$43.62
3. \$11.88
4. \$2.94
5. 83
6. \$3.98
7. \$11.16
8. \$21.90
9. \$8.30
10. 48