

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

- 1) Faye used the equation  $148=(37)4$  to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 6 necklaces?
- 2) Using the equation  $48.51=k9$  you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags?
- 3) An industrial printing machine printed 2520 pages in 9 minutes. How many pages did it print in one minute?
- 4) A baker used the equation  $Y=KX$  to calculate that he had made \$80.22 after selling 7 boxes of his cookies for \$11.46 each. How much would he have made had he sold 8 boxes?
- 5) A construction contractor used the equation  $19.74=(2.82)7$  to calculate how much 7 boxes of nails would cost him. How much would 9 boxes of nails cost him?
- 6) The equation  $38.36=(5.48)7$  shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?
- 7) The equation  $73.15=(14.63)5$  shows how much it cost for a company to buy 5 new uniforms. How much does it cost per uniform?
- 8) A grocery store paid \$200.97 for 9 crates of milk. This can be expressed by the equation  $Y=KX$ . How much was it for one crate?
- 9) An ice cream truck driver determined he had made \$8.80 after selling 4 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 8 bars?
- 10) To determine how many pages would be need to make 6 books you can use the equation,  $210=(35)6$ . How many pages would be in 7 books?

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**Answers**

1. 222
2. \$26.95
3. 280
4. \$91.68
5. \$25.38
6. \$5.48
7. \$14.63
8. \$22.33
9. \$17.60
10. 245