

**Solve each problem.**

- 1) A construction contractor used the equation $22.72=(2.84)8$ to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?
- 2) A movie theater used $Y=KX$ to calculate how much money they made selling 7 buckets of popcorn. They determined they made 23.80 dollars. How much was it for each bucket?
- 3) The equation $15.50=k5$ shows that buying 5 bags of apples would cost 15.50 dollars. How much is it for one bag?
- 4) A grocery store paid \$325.99 for 7 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 8 crates?
- 5) The equation $49.32=(5.48)9$ shows how much money you would make for recycling 9 pounds of cans. How much do you make per pound recycled?
- 6) An ice cream truck driver determined he had made \$5.10 after selling 3 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 3 bars?
- 7) The equation $58.04=(14.51)4$ shows how much it cost for a company to buy 4 new uniforms. How much would it cost to buy 4 new uniforms?
- 8) Megan used the equation $195=(39)5$ to calculate many beads she would need to make 5 necklaces. How many beads would she need to make 2 necklaces?
- 9) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 6 bouquets. She determined she'd need 66 flowers. How many flowers were in each bouquet?
- 10) An industrial printing machine printed 1379 pages in 7 minutes. How much would it have printed in 3 minutes?

Answers

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

**Solve each problem.**

- 1) A construction contractor used the equation $22.72=(2.84)8$ to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?
- 2) A movie theater used $Y=KX$ to calculate how much money they made selling 7 buckets of popcorn. They determined they made 23.80 dollars. How much was it for each bucket?
- 3) The equation $15.50=k5$ shows that buying 5 bags of apples would cost 15.50 dollars. How much is it for one bag?
- 4) A grocery store paid \$325.99 for 7 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 8 crates?
- 5) The equation $49.32=(5.48)9$ shows how much money you would make for recycling 9 pounds of cans. How much do you make per pound recycled?
- 6) An ice cream truck driver determined he had made \$5.10 after selling 3 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 3 bars?
- 7) The equation $58.04=(14.51)4$ shows how much it cost for a company to buy 4 new uniforms. How much would it cost to buy 4 new uniforms?
- 8) Megan used the equation $195=(39)5$ to calculate many beads she would need to make 5 necklaces. How many beads would she need to make 2 necklaces?
- 9) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 6 bouquets. She determined she'd need 66 flowers. How many flowers were in each bouquet?
- 10) An industrial printing machine printed 1379 pages in 7 minutes. How much would it have printed in 3 minutes?

Answers

1. \$22.72
2. \$3.40
3. \$3.10
4. \$372.56
5. \$5.48
6. \$5.10
7. \$58.04
8. 78
9. 11
10. 591