



Solve each problem.

Answers

- 1) The equation $20.92=(5.23)4$ shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 2) A baker used the equation $Y=KX$ to calculate that he had made \$115.74 after selling 9 boxes of his cookies for \$12.86 each. How much would he have made had he sold 3 boxes?
- 3) A florist used the equation $84=(28)3$ to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 8 bouquets?
- 4) An ice cream truck driver determined he had made \$19.04 after selling 7 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 9 bars?
- 5) The equation $25.82=(12.91)2$ shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform?
- 6) A movie theater used $Y=KX$ to calculate how much money they made selling 7 buckets of popcorn. They determined they made 42.98 dollars. How much was it for each bucket?
- 7) Faye used the equation $245=(49)5$ to calculate many beads she would need to make 5 necklaces. How many beads would she need to make 2 necklaces?
- 8) At the hardware store you can buy 9 boxes of bolts for \$38.88. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 9) A construction contractor used the equation $15.82=(2.26)7$ to calculate how much 7 boxes of nails would cost him. How much would 5 boxes of nails cost him?
- 10) The equation $13.86=k3$ shows that buying 3 bags of apples would cost 13.86 dollars. How much is it for one bag?

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9. _____
10. _____



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Answers

1. \$5.23
2. \$38.58
3. 224
4. \$24.48
5. \$12.91
6. \$6.14
7. 98
8. \$4.32
9. \$11.30
10. \$4.62