



Solve each problem.

Answers

- 1) A baker used the equation $Y=KX$ to calculate that he had made \$28.18 after selling 2 boxes of his cookies. How much did he make per box?
- 2) A movie theater used $Y=KX$ to calculate how much money they made selling 4 buckets of popcorn. They determined they made 15.24 dollars. How much was it for each bucket?
- 3) The equation $16.95=k3$ shows that buying 3 bags of apples would cost 16.95 dollars. How much is it for one bag?
- 4) At the hardware store you can buy 6 boxes of bolts for \$27.24. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 5) An ice cream truck driver determined he had made \$5.22 after selling 3 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 6 bars?
- 6) A grocery store paid \$162.96 for 7 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 5 crates?
- 7) To determine how many pages would be need to make 4 books you can use the equation, $388=(97)4$. How many pages would be in 6 books?
- 8) 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 2 boxes of nails cost him?
- 9) The equation $14.48=(3.62)4$ shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 10) An industrial printing machine printed 2415 pages in 7 minutes. How much would it have printed in 9 minutes?

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



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Answers

1. \$14.09
2. \$3.81
3. \$5.65
4. \$4.54
5. \$10.44
6. \$116.40
7. 582
8. \$4.52
9. \$3.62
10. 3105