



Solve each problem.

Answers

- 1) To determine how many pages would be need to make 2 books you can use the equation, $64=(32)2$. How many pages would be in 8 books?
- 2) Using the equation $21.18=k6$ you can calculate how much it would cost to buy 6 bags of apples. How much would it cost for 8 bags?
- 3) A florist used the equation $104=(26)4$ to determine how many flowers she'd need for 4 bouquets. How many flowers would she need for 9 bouquets?
- 4) The equation $142.56=(15.84)9$ shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?
- 5) At the hardware store you can buy 8 boxes of bolts for \$27.20. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 6) A grocery store paid \$65.76 for 2 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 7) The equation $15.45=(3.09)5$ shows how much money you would make for recycling 5 pounds of cans. How much do you make per pound recycled?
- 8) An ice cream truck driver determined he had made \$8.40 after selling 4 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 5 bars?
- 9) A movie theater used $Y=KX$ to calculate how much money they made selling 9 buckets of popcorn. They determined they made 41.13 dollars. How much was it for each bucket?
- 10) A baker used the equation $Y=KX$ to calculate that he had made \$86.80 after selling 8 boxes of his cookies for \$10.85 each. How much would he have made had he sold 9 boxes?

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5. _____

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8. _____

9. _____

10. _____

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Answers

1. 256
2. \$28.24
3. 234
4. \$15.84
5. \$3.40
6. \$32.88
7. \$3.09
8. \$10.50
9. \$4.57
10. \$97.65