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Sol	ve	each	prob	lem.

- 1) A grocery store paid \$254.30 for 5 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?
- · \_\_\_\_\_

Answers

- 2) An industrial printing machine printed 715 pages in 5 minutes. How many pages did it print in one minute?
- 3) An ice cream truck driver determined he had made \$8.91 after selling 3 ice cream bars (using the equation y=kx). How much would he have earned if he sold 8 bars?
- 1. \_\_\_\_\_
- 4) A baker used the equation Y=KX to calculate that he had made \$46.11 after selling 3 boxes of his cookies. How much did he make per box?
- б. \_\_\_\_\_

- 5) A florist used the equation Y=KX to determine how many flowers she'd need for 5 bouquets. She determined she'd need 125 flowers. How many flowers were in each bouquet?
- 8.
- 6) A movie theater used Y=7.46X to calculate how much money they made selling buckets of popcorn where Y is the total and K is the price per bucket. How much would they make if they sold 3 buckets?
- 9. \_\_\_\_\_

- 7) Using the equation 7.70=k2 you can calculate how much it would cost to buy 2 bags of apples. How much would it cost for 6 bags?
- 10.

- 8) A construction contractor used the equation Y=KX to determine it would cost him \$16.32 to buy 6 boxes of nails. How much is each box?
- 9) To determine how many pages would be need to make 2 books you can use the equation, 62=(31)2. How many pages would be in 9 books?
- **10**) The equation Y=KX shows you would make \$22.84 for recycling 4 pounds of cans. How much would you make if you recycled 5 pounds?

=KX Name: **Answer Key** 

Solve each problem.1) A grocery store paid \$254.30 for 5 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

Answers

143

1. **\$50.86** 

2) An industrial printing machine printed 715 pages in 5 minutes. How many pages did it print in one minute?

\$23.76

3) An ice cream truck driver determined he had made \$8.91 after selling 3 ice cream bars (using the equation y=kx). How much would he have earned if he sold 8 bars?

Ψ15.57

s22.38

4) A baker used the equation Y=KX to calculate that he had made \$46.11 after selling 3 boxes of his cookies. How much did he make per box?

**\$23.10** 

5) A florist used the equation Y=KX to determine how many flowers she'd need for 5 bouquets. She determined she'd need 125 flowers. How many flowers were in each bouquet?

270

6) A movie theater used Y=7.46X to calculate how much money they made selling buckets of popcorn where Y is the total and K is the price per bucket. How much would they make if they sold 3 buckets?

10. **\$28.55** 

7) Using the equation 7.70=k2 you can calculate how much it would cost to buy 2 bags of apples. How much would it cost for 6 bags?

8) A construction contractor used the equation Y=KX to determine it would cost him \$16.32 to buy 6 boxes of nails. How much is each box?

9) To determine how many pages would be need to make 2 books you can use the equation, 62=(31)2. How many pages would be in 9 books?

**10**) The equation Y=KX shows you would make \$22.84 for recycling 4 pounds of cans. How much would you make if you recycled 5 pounds?