

**Solve each problem.****Answers**

- 1) The equation $17.25=k5$ shows that buying 5 bags of apples would cost 17.25 dollars. How much is it for one bag?
- 2) A construction contractor used the equation $Y=KX$ to determine it would cost him \$14.76 to buy 6 boxes of nails. How much is each box?
- 3) A baker used the equation $Y=KX$ to calculate that he had made \$25.38 after selling 2 boxes of his cookies for \$12.69 each. How much would he have made had he sold 3 boxes?
- 4) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 3 ice cream bars. He determined he'd make \$4.56. How much did he make per bar sold?
- 5) The equation $Y=KX$ shows you would make \$7.18 for recycling 2 pounds of cans. How much would you make if you recycled 7 pounds?
- 6) Vanessa used the equation $Y=KX$ to determine she would need 136 beads to create 4 necklaces. How many beads did she use per necklace?
- 7) To determine how many pages would be need to make 9 books you can use the equation, $459=(51)9$. How many pages would be in 8 books?
- 8) The equation $99.63=(11.07)9$ shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?
- 9) An industrial printing machine printed 824 pages in 8 minutes. How many pages did it print in one minute?
- 10) A florist used the equation $128=(16)8$ to determine how many flowers she'd need for 8 bouquets. How many flowers would she need for 9 bouquets?

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

**Solve each problem.****Answers**

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|---|-------------------|
| 1) The equation $17.25=k5$ shows that buying 5 bags of apples would cost 17.25 dollars. How much is it for one bag? | 1. \$3.45 |
| 2) A construction contractor used the equation $Y=KX$ to determine it would cost him \$14.76 to buy 6 boxes of nails. How much is each box? | 2. \$2.46 |
| 3) A baker used the equation $Y=KX$ to calculate that he had made \$25.38 after selling 2 boxes of his cookies for \$12.69 each. How much would he have made had he sold 3 boxes? | 3. \$38.07 |
| 4) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 3 ice cream bars. He determined he'd make \$4.56. How much did he make per bar sold? | 4. \$1.52 |
| 5) The equation $Y=KX$ shows you would make \$7.18 for recycling 2 pounds of cans. How much would you make if you recycled 7 pounds? | 5. \$25.13 |
| 6) Vanessa used the equation $Y=KX$ to determine she would need 136 beads to create 4 necklaces. How many beads did she use per necklace? | 6. 34 |
| 7) To determine how many pages would be need to make 9 books you can use the equation, $459=(51)9$. How many pages would be in 8 books? | 7. 408 |
| 8) The equation $99.63=(11.07)9$ shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform? | 8. \$11.07 |
| 9) An industrial printing machine printed 824 pages in 8 minutes. How many pages did it print in one minute? | 9. 103 |
| 10) A florist used the equation $128=(16)8$ to determine how many flowers she'd need for 8 bouquets. How many flowers would she need for 9 bouquets? | 10. 144 |