**Solve each problem.**

1) The equation 12.48=(4.16)3 shows how much money you would make for recycling 3 pounds of cans. How much do you make per pound recycled?

2) A florist used the equation 147=(21)7 to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 5 bouquets?

3) A construction contractor used the equation Y=KX to determine it would cost him $16.80 to buy 7 boxes of nails. How much is each box?

4) The equation 33.21=k9 shows that buying 9 bags of apples would cost 33.21 dollars. How much is it for one bag?

5) At the hardware store you can buy 7 boxes of bolts for $32.90. This can be expressed by the equation 32.90=(4.7)7. How much would it cost for 8 boxes?

6) An ice cream truck driver determined he had made $4.42 after selling 2 ice cream bars (using the equation y=kx). How much would he have earned if he sold 3 bars?

7) To determine how many pages would be needed to make 3 books you can use the equation, 156=(52)3. How many pages are in one book?

8) A movie theater used Y={VARKX} 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 4 buckets?

9) A baker used the equation Y=KX to calculate that he had made $100.26 after selling 9 boxes of his cookies. How much did he make per box?

10) The equation 111.28=(13.91)8 shows how much it cost for a company to buy 8 new uniforms. How much does it cost per uniform?

| | | |
|---|---|---|
| 1. | _____ | |
| 2. | _____ | |
| 3. | _____ | |
| 4. | _____ | |
| 5. | _____ | |
| 6. | _____ | |
| 7. | _____ | |
| 8. | _____ | |
| 9. | _____ | |
| 10. | _____ | |

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

**Math**

**Solve each problem.**

1) The equation 12.48=(4.16)3 shows how much money you would make for recycling 3 pounds of cans. How much do you make per pound recycled?

1. **$4.16**

2. **105**

2) A florist used the equation 147=(21)7 to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 5 bouquets?

3. **$2.40**

4. **$3.69**

3) A construction contractor used the equation Y=KX to determine it would cost him $16.80 to buy 7 boxes of nails. How much is each box?

5. **$37.60**

6. **$6.63**

4) The equation 33.21=k9 shows that buying 9 bags of apples would cost 33.21 dollars. How much is it for one bag?

7. **52**

8. **$20.32**

5) At the hardware store you can buy 7 boxes of bolts for $32.90. This can be expressed by the equation 32.90=(4.7)7. How much would it cost for 8 boxes?

9. **$11.14**

10. **$13.91**

6) An ice cream truck driver determined he had made $4.42 after selling 2 ice cream bars (using the equation y=kx). How much would he have earned if he sold 3 bars?

7) To determine how many pages would be needed to make 3 books you can use the equation, 156=(52)3. How many pages are in one book?

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10) The equation 111.28=(13.91)8 shows how much it cost for a company to buy 8 new uniforms. How much does it cost per uniform?