Name:

Solve each problem.

1) At the hardware store you can buy 3 boxes of bolts for $9.93. This can be expressed by the equation 9.93=(3.31)3. How much would it cost for 6 boxes?

1. _____

2. _____

2) The equation Y=KX shows you would make $41.09 for recycling 7 pounds of cans. How much would you make if you recycled 4 pounds?

3. _____

3) A construction contractor used the equation Y=KX to determine it would cost him $4.90 to buy 2 boxes of nails. How much is each box?

4. _____

5. _____

6. _____

4) A florist used the equation 48=(16)3 to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 2 bouquets?

7. _____

5) The equation 114.16=(14.27)8 shows how much it cost for a company to buy 8 new uniforms. How much does it cost per uniform?

8. _____

9. _____

6) To determine how many pages would be need to make 5 books you can use the equation, 185=(37)5. How many pages would be in 3 books?

10. _____

7) An industrial printing machine printed 724 pages in 4 minutes. How many pages did it print in one minute?

8) Megan used the equation Y=KX to determine she would need 86 beads to create 2 necklaces. How many beads did she use per necklace?

9) The equation 23.20=k4 shows that buying 4 bags of apples would cost 23.20 dollars. How much is it for one bag?

10) An ice cream truck driver determined he had made $13.98 after selling 6 ice cream bars (using the equation y=kx). How much would he have earned if he sold 3 bars?

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1. **$19.86**

2. **$23.48**

3. **$2.45**

4. **32**

5. **$14.27**

6. **111**

7. **181**

8. **43**

9. **$5.80**

10. **$6.99**

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