Solve each problem.

1) A florist used the equation Y=KX to determine how many flowers she'd need for 7 bouquets. She determined she'd need 175 flowers. How many flowers were in each bouquet?

2) A construction contractor used the equation 11.52=(1.44)8 to calculate how much 8 boxes of nails would cost him. How much would 2 boxes of nails cost him?

3) The equation 41.44=k7 shows that buying 7 bags of apples would cost 41.44 dollars. How much is it for one bag?

4) A grocery store paid $314.65 for 7 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 3 crates?

5) The equation 31.92=(4.56)7 shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?

6) An industrial printing machine printed 1764 pages in 6 minutes. How much would it have printed in 4 minutes?

7) To determine how many pages would be need to make 3 books you can use the equation, 138=(46)3. How many pages would be in 8 books?

8) An ice cream truck driver determined he had made $11.06 after selling 7 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 45.99 dollars. How much was it for each bucket?

10) The equation 71.40=(11.9)6 shows how much it cost for a company to buy 6 new uniforms. How much does it cost per uniform?

Answers

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

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

Name: **Answer Key**

Solve each problem.

1) A florist used the equation Y=KX to determine how many flowers she'd need for 7 bouquets. She determined she'd need 175 flowers. How many flowers were in each bouquet?

2) A construction contractor used the equation 11.52=(1.44)8 to calculate how much 8 boxes of nails would cost him. How much would 2 boxes of nails cost him?

3) The equation 41.44=k7 shows that buying 7 bags of apples would cost 41.44 dollars. How much is it for one bag?

4) A grocery store paid $314.65 for 7 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 3 crates?

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9) A movie theater used Y=KX to calculate how much money they made selling 9 buckets of popcorn. They determined they made 45.99 dollars. How much was it for each bucket?

10) The equation 71.40=(11.9)6 shows how much it cost for a company to buy 6 new uniforms. How much does it cost per uniform?

Answers

1. **25**
2. **$2.88**
3. **$5.92**
4. **$134.85**
5. **$4.56**
6. **1176**
7. **368**
8. **$7.90**
9. **$5.11**
10. **$11.90**

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

Solve each problem.

1) A baker used the equation Y=KX to calculate that he had made $74.94 after selling 6 boxes of his cookies. How much did he make per box?

2) An industrial printing machine printed 1585 pages in 5 minutes. How much would it have printed in 8 minutes?

3) A construction contractor used the equation Y=KX to determine it would cost him $12.81 to buy 7 boxes of nails. How much is each box?

4) At the hardware store you can buy 4 boxes of bolts for $19.84. This can be expressed by the equation Y=KX. How much would it cost for one box?

5) Zoe used the equation Y=KX to determine she would need 140 beads to create 4 necklaces. How many beads did she use per necklace?

6) An ice cream truck driver used the equation Y=KX to show how much money he made selling 7 ice cream bars. He determined he'd make $19.46. How much did he make per bar sold?

7) To determine how many pages would be need to make 2 books you can use the equation, 142=(71)2. How many pages would be in 6 books?

8) A movie theater used Y=4.05X 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 9 buckets?

9) Using the equation 9.21=k3 you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 5 bags?

10) A grocery store paid $224.24 for 8 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

Answers

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

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

Solve each problem.

1) A baker used the equation Y=KX to calculate that he had made $74.94 after selling 6 boxes of his cookies. How much did he make per box?

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3) A construction contractor used the equation Y=KX to determine it would cost him $12.81 to buy 7 boxes of nails. How much is each box?

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8) A movie theater used Y=4.05X 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 9 buckets?

9) Using the equation 9.21=k3 you can calculate how much it would cost to buy 3 bags of apples. How much would it cost for 5 bags?

10) A grocery store paid $224.24 for 8 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

Answers

1. **$12.49**
2. **2536**
3. **$1.83**
4. **$4.96**
5. **35**
6. **$2.78**
7. **426**
8. **$36.45**
9. **$15.35**
10. **$28.03**

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

Solve each problem.

1) An industrial printing machine printed 714 pages in 3 minutes. How many pages did it print in one minute?

2) A florist used the equation 84=(12)7 to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 5 bouquets?

3) A movie theater used Y=KX to calculate how much money they made selling 5 buckets of popcorn. They determined they made 32.55 dollars. How much was it for each bucket?

4) A construction contractor used the equation 20.08=(2.51)8 to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?

5) An ice cream truck driver determined he had made $10.44 after selling 4 ice cream bars (using the equation y=kx). How much would he have earned if he sold 2 bars?

6) At the hardware store you can buy 3 boxes of bolts for $7.80. This can be expressed by the equation 7.80=(2.6)3. How much would it cost for 5 boxes?

7) Gwen used the equation Y=KX to determine she would need 140 beads to create 5 necklaces. How many beads did she use per necklace?

8) A baker used the equation Y=KX to calculate that he had made $40.92 after selling 3 boxes of his cookies. How much did he make per box?

9) A grocery store paid $318.15 for 9 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 5 crates?

10) The equation 82.56=(13.76)6 shows how much it cost for a company to buy 6 new uniforms. How much does it cost per uniform?

Answers

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

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

Solve each problem.

1) An industrial printing machine printed 714 pages in 3 minutes. How many pages did it print in one minute?

2) A florist used the equation 84=(12)7 to determine how many flowers she'd need for 7 bouquets. How many flowers would she need for 5 bouquets?

3) A movie theater used Y=KX to calculate how much money they made selling 5 buckets of popcorn. They determined they made 32.55 dollars. How much was it for each bucket?

4) A construction contractor used the equation 20.08=(2.51)8 to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?

5) An ice cream truck driver determined he had made $10.44 after selling 4 ice cream bars (using the equation y=kx). How much would he have earned if he sold 2 bars?

6) At the hardware store you can buy 3 boxes of bolts for $7.80. This can be expressed by the equation 7.80=(2.6)3. How much would it cost for 5 boxes?

7) Gwen used the equation Y=KX to determine she would need 140 beads to create 5 necklaces. How many beads did she use per necklace?

8) A baker used the equation Y=KX to calculate that he had made $40.92 after selling 3 boxes of his cookies. How much did he make per box?

9) A grocery store paid $318.15 for 9 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 5 crates?

10) The equation 82.56=(13.76)6 shows how much it cost for a company to buy 6 new uniforms. How much does it cost per uniform?

Answers

1. **238**
2. **60**
3. **$6.51**
4. **$20.08**
5. **$5.22**
6. **$13.00**
7. **28**
8. **$13.64**
9. **$176.75**
10. **$13.76**

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

Solve each problem.

1) An industrial printing machine printed 656 pages in 2 minutes. How much would it have printed in 6 minutes?

2) The equation 98.73=(10.97)9 shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?

3) An ice cream truck driver determined he had made $9.36 after selling 8 ice cream bars (using the equation y=kx). How much would he have earned if he sold 9 bars?

4) Using the equation 29.52=k9 you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags?

5) At the hardware store you can buy 6 boxes of bolts for $11.40. This can be expressed by the equation Y=KX. How much would it cost for one box?

6) A florist used the equation Y=KX to determine how many flowers she'd need for 9 bouquets. She determined she'd need 126 flowers. How many flowers were in each bouquet?

7) A grocery store paid $85.00 for 4 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

8) A construction contractor used the equation 16.38=(2.34)7 to calculate how much 7 boxes of nails would cost him. How much would 4 boxes of nails cost him?

9) A baker used the equation Y=KX to calculate that he had made $95.46 after selling 6 boxes of his cookies. How much did he make per box?

10) The equation Y=KX shows you would make $21.35 for recycling 5 pounds of cans. How much would you make if you recycled 7 pounds?

Answers

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

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

Name: **Answer Key**

Solve each problem.

1) An industrial printing machine printed 656 pages in 2 minutes. How much would it have printed in 6 minutes?

2) The equation 98.73=(10.97)9 shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?

3) An ice cream truck driver determined he had made $9.36 after selling 8 ice cream bars (using the equation y=kx). How much would he have earned if he sold 9 bars?

4) Using the equation 29.52=k9 you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags?

5) At the hardware store you can buy 6 boxes of bolts for $11.40. This can be expressed by the equation Y=KX. How much would it cost for one box?

6) A florist used the equation Y=KX to determine how many flowers she'd need for 9 bouquets. She determined she'd need 126 flowers. How many flowers were in each bouquet?

7) A grocery store paid $85.00 for 4 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

8) A construction contractor used the equation 16.38=(2.34)7 to calculate how much 7 boxes of nails would cost him. How much would 4 boxes of nails cost him?

9) A baker used the equation Y=KX to calculate that he had made $95.46 after selling 6 boxes of his cookies. How much did he make per box?

10) The equation Y=KX shows you would make $21.35 for recycling 5 pounds of cans. How much would you make if you recycled 7 pounds?

Answers

1. **1968**
2. **$10.97**
3. **$10.53**
4. **$16.40**
5. **$1.90**
6. **14**
7. **$21.25**
8. **$9.36**
9. **$15.91**
10. **$29.89**

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

Solve each problem.

1) A grocery store paid $273.35 for 7 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 7 crates?

2) A baker used the equation Y=KX to calculate that he had made $72.31 after selling 7 boxes of his cookies. How much did he make per box?

3) A movie theater used Y=3.96X 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 8 buckets?

4) A construction contractor used the equation 9.55=(1.91)5 to calculate how much 5 boxes of nails would cost him. How much would 9 boxes of nails cost him?

5) The equation 27.76=(13.88)2 shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform?

6) To determine how many pages would be need to make 9 books you can use the equation, 891=(99)9. How many pages would be in 9 books?

7) The equation Y=KX shows you would make $23.52 for recycling 4 pounds of cans. How much would you make if you recycled 7 pounds?

8) A florist used the equation Y=KX to determine how many flowers she'd need for 7 bouquets. She determined she'd need 161 flowers. How many flowers were in each bouquet?

9) At the hardware store you can buy 4 boxes of bolts for $8.16. This can be expressed by the equation 8.16=(2.04)4. How much would it cost for 8 boxes?

10) The equation 36.72=k9 shows that buying 9 bags of apples would cost 36.72 dollars. How much is it for one bag?

Answers

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

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

Solve each problem.

1) A grocery store paid $273.35 for 7 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 7 crates?

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8) A florist used the equation Y=KX to determine how many flowers she'd need for 7 bouquets. She determined she'd need 161 flowers. How many flowers were in each bouquet?

9) At the hardware store you can buy 4 boxes of bolts for $8.16. This can be expressed by the equation 8.16=(2.04)4. How much would it cost for 8 boxes?

10) The equation 36.72=k9 shows that buying 9 bags of apples would cost 36.72 dollars. How much is it for one bag?

Answers

1. **$273.35**
2. **$10.33**
3. **$31.68**
4. **$17.19**
5. **$13.88**
6. **891**
7. **$41.16**
8. **23**
9. **$16.32**
10. **$4.08**

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

Solve each problem.

1) The equation 73.14=(12.19)6 shows how much it cost for a company to buy 6 new uniforms. How much would it cost to buy 8 new uniforms?

2) A baker used the equation Y=KX to calculate that he had made $61.48 after selling 4 boxes of his cookies. How much did he make per box?

3) The equation 15.88=k4 shows that buying 4 bags of apples would cost 15.88 dollars. How much is it for one bag?

4) A grocery store paid $375.84 for 8 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 4 crates?

5) A florist used the equation Y=KX to determine how many flowers she'd need for 6 bouquets. She determined she'd need 132 flowers. How many flowers were in each bouquet?

6) At the hardware store you can buy 9 boxes of bolts for $18.81. This can be expressed by the equation 18.81=(2.09)9. How much would it cost for 2 boxes?

7) To determine how many pages would be needed to make 5 books you can use the equation, 205=(41)5. How many pages are in one book?

8) An industrial printing machine printed 2793 pages in 7 minutes. How much would it have printed in 8 minutes?

9) The equation Y=KX shows you would make $25.04 for recycling 8 pounds of cans. How much would you make if you recycled 4 pounds?

10) Wendy used the equation Y=KX to determine she would need 180 beads to create 6 necklaces. How many beads did she use per necklace?

Answers

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

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

Name: **Answer Key**

Solve each problem.

1) The equation 73.14=(12.19)6 shows how much it cost for a company to buy 6 new uniforms. How much would it cost to buy 8 new uniforms?

2) A baker used the equation Y=KX to calculate that he had made $61.48 after selling 4 boxes of his cookies. How much did he make per box?

3) The equation 15.88=k4 shows that buying 4 bags of apples would cost 15.88 dollars. How much is it for one bag?

4) A grocery store paid $375.84 for 8 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 4 crates?

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6) At the hardware store you can buy 9 boxes of bolts for $18.81. This can be expressed by the equation 18.81=(2.09)9. How much would it cost for 2 boxes?

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10) Wendy used the equation Y=KX to determine she would need 180 beads to create 6 necklaces. How many beads did she use per necklace?

Answers

1. **$97.52**
2. **$15.37**
3. **$3.97**
4. **$187.92**
5. **22**
6. **$4.18**
7. **41**
8. **3192**
9. **$12.52**
10. **30**

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

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?

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) 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) 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?

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?

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?

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?

Answers

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

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

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?

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) 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) 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?

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?

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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?

Answers

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

Solve each problem.

1) At the hardware store you can buy 2 boxes of bolts for $8.90. This can be expressed by the equation Y=KX. How much would it cost for one box?

2) The equation Y=KX shows you would make $45.04 for recycling 8 pounds of cans. How much would you make if you recycled 6 pounds?

3) An industrial printing machine printed 2349 pages in 9 minutes. How much would it have printed in 8 minutes?

4) A movie theater used Y=KX to calculate how much money they made selling 7 buckets of popcorn. They determined they made 31.92 dollars. How much was it for each bucket?

5) A grocery store paid $147.98 for 7 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

6) A baker used the equation Y=KX to calculate that he had made $102.41 after selling 7 boxes of his cookies. How much did he make per box?

7) A florist used the equation 72=(12)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 7 bouquets?

8) To determine how many pages would be need to make 9 books you can use the equation, 774=(86)9. How many pages would be in 6 books?

9) Robin used the equation Y=KX to determine she would need 208 beads to create 8 necklaces. How many beads did she use per necklace?

10) A construction contractor used the equation 9.16=(2.29)4 to calculate how much 4 boxes of nails would cost him. How much would 4 boxes of nails cost him?

Answers

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

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

Name: **Answer Key**

Solve each problem.

1) At the hardware store you can buy 2 boxes of bolts for $8.90. This can be expressed by the equation Y=KX. How much would it cost for one box?

2) The equation Y=KX shows you would make $45.04 for recycling 8 pounds of cans. How much would you make if you recycled 6 pounds?

3) An industrial printing machine printed 2349 pages in 9 minutes. How much would it have printed in 8 minutes?

4) A movie theater used Y=KX to calculate how much money they made selling 7 buckets of popcorn. They determined they made 31.92 dollars. How much was it for each bucket?

5) A grocery store paid $147.98 for 7 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

6) A baker used the equation Y=KX to calculate that he had made $102.41 after selling 7 boxes of his cookies. How much did he make per box?

7) A florist used the equation 72=(12)6 to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 7 bouquets?

8) To determine how many pages would be need to make 9 books you can use the equation, 774=(86)9. How many pages would be in 6 books?

9) Robin used the equation Y=KX to determine she would need 208 beads to create 8 necklaces. How many beads did she use per necklace?

10) A construction contractor used the equation 9.16=(2.29)4 to calculate how much 4 boxes of nails would cost him. How much would 4 boxes of nails cost him?

Answers

1. **$4.45**
2. **$33.78**
3. **2088**
4. **$4.56**
5. **$21.14**
6. **$14.63**
7. **84**
8. **516**
9. **26**
10. **$9.16**

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

Solve each problem.

1) To determine how many pages would be needed to make 9 books you can use the equation, 801=(89)9. How many pages are in one book?

2) A movie theater used Y=4.21X 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 7 buckets?

3) An ice cream truck driver determined he had made $16.17 after selling 7 ice cream bars (using the equation y=kx). How much would he have earned if he sold 4 bars?

4) Bianca used the equation Y=KX to determine she would need 100 beads to create 4 necklaces. How many beads did she use per necklace?

5) A grocery store paid $265.41 for 9 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

6) A construction contractor used the equation 13.10=(2.62)5 to calculate how much 5 boxes of nails would cost him. How much would 7 boxes of nails cost him?

7) The equation 42.40=k8 shows that buying 8 bags of apples would cost 42.40 dollars. How much is it for one bag?

8) At the hardware store you can buy 6 boxes of bolts for $19.86. This can be expressed by the equation Y=KX. How much would it cost for one box?

9) The equation 50.08=(12.52)4 shows how much it cost for a company to buy 4 new uniforms. How much would it cost to buy 5 new uniforms?

10) The equation 10.17=(3.39)3 shows how much money you would make for recycling 3 pounds of cans. How much do you make per pound recycled?

Answers

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

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

Name: **Answer Key**

Solve each problem.

1) To determine how many pages would be needed to make 9 books you can use the equation, 801=(89)9. How many pages are in one book?

2) A movie theater used Y=4.21X 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 7 buckets?

3) An ice cream truck driver determined he had made $16.17 after selling 7 ice cream bars (using the equation y=kx). How much would he have earned if he sold 4 bars?

4) Bianca used the equation Y=KX to determine she would need 100 beads to create 4 necklaces. How many beads did she use per necklace?

5) A grocery store paid $265.41 for 9 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?

6) A construction contractor used the equation 13.10=(2.62)5 to calculate how much 5 boxes of nails would cost him. How much would 7 boxes of nails cost him?

7) The equation 42.40=k8 shows that buying 8 bags of apples would cost 42.40 dollars. How much is it for one bag?

8) At the hardware store you can buy 6 boxes of bolts for $19.86. This can be expressed by the equation Y=KX. How much would it cost for one box?

9) The equation 50.08=(12.52)4 shows how much it cost for a company to buy 4 new uniforms. How much would it cost to buy 5 new uniforms?

10) The equation 10.17=(3.39)3 shows how much money you would make for recycling 3 pounds of cans. How much do you make per pound recycled?

Answers

1. **89**
2. **$29.47**
3. **$9.24**
4. **25**
5. **$29.49**
6. **$18.34**
7. **$5.30**
8. **$3.31**
9. **$62.60**
10. **$3.39**

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

Solve each problem.

1) A construction contractor used the equation 22.72=(2.84)8 to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?

2) A movie theater used Y=KX to calculate how much money they made selling 7 buckets of popcorn. They determined they made 23.80 dollars. How much was it for each bucket?

3) The equation 15.50=k5 shows that buying 5 bags of apples would cost 15.50 dollars. How much is it for one bag?

4) A grocery store paid $325.99 for 7 crates of milk. This can be expressed by the equation Y=KX. How much would they have paid for 8 crates?

5) The equation 49.32=(5.48)9 shows how much money you would make for recycling 9 pounds of cans. How much do you make per pound recycled?

6) An ice cream truck driver determined he had made $5.10 after selling 3 ice cream bars (using the equation y=kx). How much would he have earned if he sold 3 bars?

7) The equation 58.04=(14.51)4 shows how much it cost for a company to buy 4 new uniforms. How much would it cost to buy 4 new uniforms?

8) Megan used the equation 195=(39)5 to calculate many beads she would need to make 5 necklaces. How many beads would she need to make 2 necklaces?

9) A florist used the equation Y=KX to determine how many flowers she'd need for 6 bouquets. She determined she'd need 66 flowers. How many flowers were in each bouquet?

10) An industrial printing machine printed 1379 pages in 7 minutes. How much would it have printed in 3 minutes?

Answers

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

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

Name: **Answer Key**

Solve each problem.

1) A construction contractor used the equation 22.72=(2.84)8 to calculate how much 8 boxes of nails would cost him. How much would 8 boxes of nails cost him?

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10) An industrial printing machine printed 1379 pages in 7 minutes. How much would it have printed in 3 minutes?

Answers

1. **$22.72**
2. **$3.40**
3. **$3.10**
4. **$372.56**
5. **$5.48**
6. **$5.10**
7. **$58.04**
8. **78**
9. **11**
10. **591**

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