**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

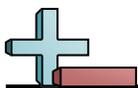
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

**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

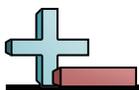
1. 25
2. \$2.88
3. \$5.92
4. \$134.85
5. \$4.56
6. 1176
7. 368
8. \$7.90
9. \$5.11
10. \$11.90

**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. _____

**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

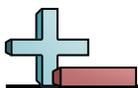
1. \$12.49
2. 2536
3. \$1.83
4. \$4.96
5. 35
6. \$2.78
7. 426
8. \$36.45
9. \$15.35
10. \$28.03

**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. _____

**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

**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. _____

**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

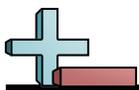
1. 1968
2. \$10.97
3. \$10.53
4. \$16.40
5. \$1.90
6. 14
7. \$21.25
8. \$9.36
9. \$15.91
10. \$29.89

**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. _____

**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

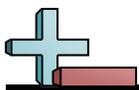
1. \$273.35
2. \$10.33
3. \$31.68
4. \$17.19
5. \$13.88
6. 891
7. \$41.16
8. 23
9. \$16.32
10. \$4.08

**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. _____

**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

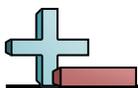
1. \$97.52
2. \$15.37
3. \$3.97
4. \$187.92
5. 22
6. \$4.18
7. 41
8. 3192
9. \$12.52
10. 30

**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

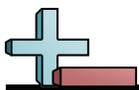
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

**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. \$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

**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. _____

**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

**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. _____

**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

**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. _____

**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. \$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