

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

- 1) A construction contractor used the equation $Y=KX$ to determine it would cost him \$5.91 to buy 3 boxes of nails. How much is each box?
- 2) The equation $34.79=k7$ shows that buying 7 bags of apples would cost 34.79 dollars. How much is it for one bag?
- 3) An industrial printing machine printed 570 pages in 3 minutes. How much would it have printed in 6 minutes?
- 4) An ice cream truck driver determined he had made \$3.96 after selling 2 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 5 bars?
- 5) A movie theater used $Y=\{VAR KX\}$ 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?
- 6) A grocery store paid \$133.92 for 4 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 7 crates?
- 7) To determine how many pages would be needed to make 4 books you can use the equation, $244=(61)4$. How many pages are in one book?
- 8) At the hardware store you can buy 4 boxes of bolts for \$16.52. This can be expressed by the equation $16.52=(4.13)4$. How much would it cost for 8 boxes?
- 9) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 5 bouquets. She determined she'd need 105 flowers. How many flowers were in each bouquet?
- 10) A baker used the equation $Y=KX$ to calculate that he had made \$66.70 after selling 5 boxes of his cookies for \$13.34 each. How much would he have made had he sold 8 boxes?

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

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| 1) A construction contractor used the equation $Y=KX$ to determine it would cost him \$5.91 to buy 3 boxes of nails. How much is each box? | 1. <u>\$1.97</u> |
| 2) The equation $34.79=k7$ shows that buying 7 bags of apples would cost 34.79 dollars. How much is it for one bag? | 2. <u>\$4.97</u> |
| 3) An industrial printing machine printed 570 pages in 3 minutes. How much would it have printed in 6 minutes? | 3. <u>1140</u> |
| 4) An ice cream truck driver determined he had made \$3.96 after selling 2 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 5 bars? | 4. <u>\$9.90</u> |
| 5) A movie theater used $Y=\{VAR KX\}$ 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? | 5. <u>\$71.64</u> |
| 6) A grocery store paid \$133.92 for 4 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 7 crates? | 6. <u>\$234.36</u> |
| 7) To determine how many pages would be needed to make 4 books you can use the equation, $244=(61)4$. How many pages are in one book? | 7. <u>61</u> |
| 8) At the hardware store you can buy 4 boxes of bolts for \$16.52. This can be expressed by the equation $16.52=(4.13)4$. How much would it cost for 8 boxes? | 8. <u>\$33.04</u> |
| 9) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 5 bouquets. She determined she'd need 105 flowers. How many flowers were in each bouquet? | 9. <u>21</u> |
| 10) A baker used the equation $Y=KX$ to calculate that he had made \$66.70 after selling 5 boxes of his cookies for \$13.34 each. How much would he have made had he sold 8 boxes? | 10. <u>\$106.72</u> |

**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?

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**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. **\$3.45**
2. **\$2.46**
3. **\$38.07**
4. **\$1.52**
5. **\$25.13**
6. **34**
7. **408**
8. **\$11.07**
9. **103**
10. **144**

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

- 1) The equation $26.26=(13.13)2$ shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform?
- 2) To determine how many pages would be needed to make 6 books you can use the equation, $432=(72)6$. How many pages are in one book?
- 3) At the hardware store you can buy 3 boxes of bolts for \$5.64. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 4) A grocery store paid \$176.10 for 5 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 5) A movie theater used $Y=KX$ to calculate how much money they made selling 2 buckets of popcorn. They determined they made 15.82 dollars. How much was it for each bucket?
- 6) A baker used the equation $Y=KX$ to calculate that he had made \$28.68 after selling 2 boxes of his cookies for \$14.34 each. How much would he have made had he sold 6 boxes?
- 7) An industrial printing machine printed 1540 pages in 4 minutes. How much would it have printed in 9 minutes?
- 8) The equation $Y=KX$ shows you would make \$26.88 for recycling 6 pounds of cans. How much would you make if you recycled 9 pounds?
- 9) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 7 bouquets. She determined she'd need 147 flowers. How many flowers were in each bouquet?
- 10) A construction contractor used the equation $13.02=(2.17)6$ to calculate how much 6 boxes of nails would cost him. How much would 9 boxes of nails cost him?

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

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| 1) The equation $26.26=(13.13)2$ shows how much it cost for a company to buy 2 new uniforms. How much does it cost per uniform? | 1. \$13.13 |
| 2) To determine how many pages would be needed to make 6 books you can use the equation, $432=(72)6$. How many pages are in one book? | 2. 72 |
| 3) At the hardware store you can buy 3 boxes of bolts for \$5.64. This can be expressed by the equation $Y=KX$. How much would it cost for one box? | 3. \$1.88 |
| 4) A grocery store paid \$176.10 for 5 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate? | 4. \$35.22 |
| 5) A movie theater used $Y=KX$ to calculate how much money they made selling 2 buckets of popcorn. They determined they made 15.82 dollars. How much was it for each bucket? | 5. \$7.91 |
| 6) A baker used the equation $Y=KX$ to calculate that he had made \$28.68 after selling 2 boxes of his cookies for \$14.34 each. How much would he have made had he sold 6 boxes? | 6. \$86.04 |
| 7) An industrial printing machine printed 1540 pages in 4 minutes. How much would it have printed in 9 minutes? | 7. 3465 |
| 8) The equation $Y=KX$ shows you would make \$26.88 for recycling 6 pounds of cans. How much would you make if you recycled 9 pounds? | 8. \$40.32 |
| 9) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 7 bouquets. She determined she'd need 147 flowers. How many flowers were in each bouquet? | 9. 21 |
| 10) A construction contractor used the equation $13.02=(2.17)6$ to calculate how much 6 boxes of nails would cost him. How much would 9 boxes of nails cost him? | 10. \$19.53 |

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

- 1) The equation $36.42=(12.14)3$ shows how much it cost for a company to buy 3 new uniforms. How much does it cost per uniform?
- 2) Lana used the equation $343=(49)7$ to calculate many beads she would need to make 7 necklaces. How many beads would she need to make 8 necklaces?
- 3) An ice cream truck driver determined he had made \$12.78 after selling 6 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 4 bars?
- 4) The equation $23.16=(5.79)4$ shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 5) A grocery store paid \$249.00 for 6 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 8 crates?
- 6) At the hardware store you can buy 4 boxes of bolts for \$7.96. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 7) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 3 bouquets. She determined she'd need 72 flowers. How many flowers were in each bouquet?
- 8) An industrial printing machine printed 1392 pages in 4 minutes. How much would it have printed in 9 minutes?
- 9) To determine how many pages would be need to make 3 books you can use the equation, $291=(97)3$. How many pages would be in 4 books?
- 10) The equation $41.79=k7$ shows that buying 7 bags of apples would cost 41.79 dollars. How much is it for one bag?

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

- 1) The equation $36.42=(12.14)3$ shows how much it cost for a company to buy 3 new uniforms. How much does it cost per uniform?
- 2) Lana used the equation $343=(49)7$ to calculate many beads she would need to make 7 necklaces. How many beads would she need to make 8 necklaces?
- 3) An ice cream truck driver determined he had made \$12.78 after selling 6 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 4 bars?
- 4) The equation $23.16=(5.79)4$ shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 5) A grocery store paid \$249.00 for 6 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 8 crates?
- 6) At the hardware store you can buy 4 boxes of bolts for \$7.96. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 7) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 3 bouquets. She determined she'd need 72 flowers. How many flowers were in each bouquet?
- 8) An industrial printing machine printed 1392 pages in 4 minutes. How much would it have printed in 9 minutes?
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1. **\$12.14**
2. **392**
3. **\$8.52**
4. **\$5.79**
5. **\$332.00**
6. **\$1.99**
7. **24**
8. **3132**
9. **388**
10. **\$5.97**

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

- 1) At the hardware store you can buy 5 boxes of bolts for \$18.90. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 2) A baker used the equation $Y=KX$ to calculate that he had made \$45.81 after selling 3 boxes of his cookies for \$15.27 each. How much would he have made had he sold 7 boxes?
- 3) The equation $Y=KX$ shows you would make \$22.75 for recycling 7 pounds of cans. How much would you make if you recycled 5 pounds?
- 4) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 4 bouquets. She determined she'd need 60 flowers. How many flowers were in each bouquet?
- 5) To determine how many pages would be needed to make 6 books you can use the equation, $156=(26)6$. How many pages are in one book?
- 6) A grocery store paid \$155.00 for 4 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 7) The equation $92.80=(11.6)8$ shows how much it cost for a company to buy 8 new uniforms. How much would it cost to buy 7 new uniforms?
- 8) A movie theater used $Y=\{VAR KX\}$ 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) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 9 ice cream bars. He determined he'd make \$10.62. How much did he make per bar sold?
- 10) Carol used the equation $90=(30)3$ to calculate many beads she would need to make 3 necklaces. How many beads would she need to make 5 necklaces?

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**Solve each problem.**

- 1) At the hardware store you can buy 5 boxes of bolts for \$18.90. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 2) A baker used the equation $Y=KX$ to calculate that he had made \$45.81 after selling 3 boxes of his cookies for \$15.27 each. How much would he have made had he sold 7 boxes?
- 3) The equation $Y=KX$ shows you would make \$22.75 for recycling 7 pounds of cans. How much would you make if you recycled 5 pounds?
- 4) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 4 bouquets. She determined she'd need 60 flowers. How many flowers were in each bouquet?
- 5) To determine how many pages would be needed to make 6 books you can use the equation, $156=(26)6$. How many pages are in one book?
- 6) A grocery store paid \$155.00 for 4 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 7) The equation $92.80=(11.6)8$ shows how much it cost for a company to buy 8 new uniforms. How much would it cost to buy 7 new uniforms?
- 8) A movie theater used $Y=\{VAR KX\}$ 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) An ice cream truck driver used the equation $Y=KX$ to show how much money he made selling 9 ice cream bars. He determined he'd make \$10.62. How much did he make per bar sold?
- 10) Carol used the equation $90=(30)3$ to calculate many beads she would need to make 3 necklaces. How many beads would she need to make 5 necklaces?

Answers

1. **\$3.78**
2. **\$106.89**
3. **\$16.25**
4. **15**
5. **26**
6. **\$38.75**
7. **\$81.20**
8. **\$36.90**
9. **\$1.18**
10. **150**

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

- 1) An ice cream truck driver determined he had made \$2.10 after selling 2 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 3 bars?
- 2) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 6 bouquets. She determined she'd need 84 flowers. How many flowers were in each bouquet?
- 3) A baker used the equation $Y=KX$ to calculate that he had made \$94.88 after selling 8 boxes of his cookies for \$11.86 each. How much would he have made had he sold 4 boxes?
- 4) To determine how many pages would be need to make 9 books you can use the equation, $846=(94)9$. How many pages would be in 8 books?
- 5) An industrial printing machine printed 882 pages in 3 minutes. How much would it have printed in 4 minutes?
- 6) A construction contractor used the equation $Y=KX$ to determine it would cost him \$13.05 to buy 9 boxes of nails. How much is each box?
- 7) A grocery store paid \$82.68 for 3 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 4 crates?
- 8) The equation $25.10=k5$ shows that buying 5 bags of apples would cost 25.10 dollars. How much is it for one bag?
- 9) The equation $113.94=(12.66)9$ shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?
- 10) 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 5 buckets?

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**Solve each problem.**

- 1) An ice cream truck driver determined he had made \$2.10 after selling 2 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 3 bars?
- 2) A florist used the equation $Y=KX$ to determine how many flowers she'd need for 6 bouquets. She determined she'd need 84 flowers. How many flowers were in each bouquet?
- 3) A baker used the equation $Y=KX$ to calculate that he had made \$94.88 after selling 8 boxes of his cookies for \$11.86 each. How much would he have made had he sold 4 boxes?
- 4) To determine how many pages would be need to make 9 books you can use the equation, $846=(94)9$. How many pages would be in 8 books?
- 5) An industrial printing machine printed 882 pages in 3 minutes. How much would it have printed in 4 minutes?
- 6) A construction contractor used the equation $Y=KX$ to determine it would cost him \$13.05 to buy 9 boxes of nails. How much is each box?
- 7) A grocery store paid \$82.68 for 3 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 4 crates?
- 8) The equation $25.10=k5$ shows that buying 5 bags of apples would cost 25.10 dollars. How much is it for one bag?
- 9) The equation $113.94=(12.66)9$ shows how much it cost for a company to buy 9 new uniforms. How much does it cost per uniform?
- 10) 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 5 buckets?

Answers

1. **\$3.15**
2. **14**
3. **\$47.44**
4. **752**
5. **1176**
6. **\$1.45**
7. **\$110.24**
8. **\$5.02**
9. **\$12.66**
10. **\$22.65**

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

- 1) A florist used the equation $102=(17)6$ to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 5 bouquets?
- 2) To determine how many pages would be need to make 2 books you can use the equation, $184=(92)2$. How many pages would be in 3 books?
- 3) At the hardware store you can buy 7 boxes of bolts for \$11.48. This can be expressed by the equation $11.48=(1.64)7$. How much would it cost for 8 boxes?
- 4) Emily used the equation $Y=KX$ to determine she would need 156 beads to create 4 necklaces. How many beads did she use per necklace?
- 5) An industrial printing machine printed 1788 pages in 6 minutes. How many pages did it print in one minute?
- 6) A movie theater used $Y=KX$ to calculate how much money they made selling 7 buckets of popcorn. They determined they made 22.33 dollars. How much was it for each bucket?
- 7) A baker used the equation $Y=KX$ to calculate that he had made \$69.24 after selling 6 boxes of his cookies for \$11.54 each. How much would he have made had he sold 2 boxes?
- 8) A construction contractor used the equation $4.46=(2.23)2$ to calculate how much 2 boxes of nails would cost him. How much would 6 boxes of nails cost him?
- 9) A grocery store paid \$338.59 for 7 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 6 crates?
- 10) 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 \$6.72. How much did he make per bar sold?

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

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| 1) A florist used the equation $102=(17)6$ to determine how many flowers she'd need for 6 bouquets. How many flowers would she need for 5 bouquets? | 1. <u>85</u> |
| 2) To determine how many pages would be need to make 2 books you can use the equation, $184=(92)2$. How many pages would be in 3 books? | 2. <u>276</u> |
| 3) At the hardware store you can buy 7 boxes of bolts for \$11.48. This can be expressed by the equation $11.48=(1.64)7$. How much would it cost for 8 boxes? | 3. <u>\$13.12</u> |
| 4) Emily used the equation $Y=KX$ to determine she would need 156 beads to create 4 necklaces. How many beads did she use per necklace? | 4. <u>39</u> |
| 5) An industrial printing machine printed 1788 pages in 6 minutes. How many pages did it print in one minute? | 5. <u>298</u> |
| 6) A movie theater used $Y=KX$ to calculate how much money they made selling 7 buckets of popcorn. They determined they made 22.33 dollars. How much was it for each bucket? | 6. <u>\$3.19</u> |
| 7) A baker used the equation $Y=KX$ to calculate that he had made \$69.24 after selling 6 boxes of his cookies for \$11.54 each. How much would he have made had he sold 2 boxes? | 7. <u>\$23.08</u> |
| 8) A construction contractor used the equation $4.46=(2.23)2$ to calculate how much 2 boxes of nails would cost him. How much would 6 boxes of nails cost him? | 8. <u>\$13.38</u> |
| 9) A grocery store paid \$338.59 for 7 crates of milk. This can be expressed by the equation $Y=KX$. How much would they have paid for 6 crates? | 9. <u>\$290.22</u> |
| 10) 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 \$6.72. How much did he make per bar sold? | 10. <u>\$2.24</u> |

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

- 1) A florist used the equation $69=(23)3$ to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 4 bouquets?
- 2) An industrial printing machine printed 1985 pages in 5 minutes. How many pages did it print in one minute?
- 3) A baker used the equation $Y=KX$ to calculate that he had made \$31.62 after selling 3 boxes of his cookies for \$10.54 each. How much would he have made had he sold 8 boxes?
- 4) An ice cream truck driver determined he had made \$8.68 after selling 7 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 4 bars?
- 5) To determine how many pages would be needed to make 9 books you can use the equation, $783=(87)9$. How many pages are in one book?
- 6) The equation $24.65=k5$ shows that buying 5 bags of apples would cost 24.65 dollars. How much is it for one bag?
- 7) At the hardware store you can buy 3 boxes of bolts for \$6.72. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 8) A construction contractor used the equation $7.70=(1.54)5$ to calculate how much 5 boxes of nails would cost him. How much would 3 boxes of nails cost him?
- 9) The equation $41.68=(5.21)8$ shows how much money you would make for recycling 8 pounds of cans. How much do you make per pound recycled?
- 10) The equation $54.64=(13.66)4$ shows how much it cost for a company to buy 4 new uniforms. How much does it cost per uniform?

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

- 1) A florist used the equation $69=(23)3$ to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 4 bouquets?
- 2) An industrial printing machine printed 1985 pages in 5 minutes. How many pages did it print in one minute?
- 3) A baker used the equation $Y=KX$ to calculate that he had made \$31.62 after selling 3 boxes of his cookies for \$10.54 each. How much would he have made had he sold 8 boxes?
- 4) An ice cream truck driver determined he had made \$8.68 after selling 7 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 4 bars?
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- 7) At the hardware store you can buy 3 boxes of bolts for \$6.72. This can be expressed by the equation $Y=KX$. How much would it cost for one box?
- 8) A construction contractor used the equation $7.70=(1.54)5$ to calculate how much 5 boxes of nails would cost him. How much would 3 boxes of nails cost him?
- 9) The equation $41.68=(5.21)8$ shows how much money you would make for recycling 8 pounds of cans. How much do you make per pound recycled?
- 10) The equation $54.64=(13.66)4$ shows how much it cost for a company to buy 4 new uniforms. How much does it cost per uniform?

1. **92**
2. **397**
3. **\$84.32**
4. **\$4.96**
5. **87**
6. **\$4.93**
7. **\$2.24**
8. **\$4.62**
9. **\$5.21**
10. **\$13.66**

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

- 1) A baker used the equation $Y=KX$ to calculate that he had made \$71.75 after selling 5 boxes of his cookies. How much did he make per box?
- 2) An industrial printing machine printed 1841 pages in 7 minutes. How many pages did it print in one minute?
- 3) A movie theater used $Y=\{VAR KX\}$ 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 6 buckets?
- 4) A grocery store paid \$91.72 for 4 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 5) To determine how many pages would be need to make 9 books you can use the equation, $882=(98)9$. How many pages would be in 7 books?
- 6) A construction contractor used the equation $Y=KX$ to determine it would cost him \$15.36 to buy 6 boxes of nails. How much is each box?
- 7) The equation $87.76=(10.97)8$ shows how much it cost for a company to buy 8 new uniforms. How much does it cost per uniform?
- 8) At the hardware store you can buy 8 boxes of bolts for \$18.24. This can be expressed by the equation $18.24=(2.28)8$. How much would it cost for 4 boxes?
- 9) The equation $15.12=(5.04)3$ shows how much money you would make for recycling 3 pounds of cans. How much do you make per pound recycled?
- 10) Faye used the equation $147=(49)3$ to calculate many beads she would need to make 3 necklaces. How many beads would she need to make 8 necklaces?

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

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Answers

1. **\$14.35**
2. **263**
3. **\$23.34**
4. **\$22.93**
5. **686**
6. **\$2.56**
7. **\$10.97**
8. **\$9.12**
9. **\$5.04**
10. **392**

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

- 1) Faye used the equation $148=(37)4$ to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 6 necklaces?
- 2) Using the equation $48.51=k9$ you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags?
- 3) An industrial printing machine printed 2520 pages in 9 minutes. How many pages did it print in one minute?
- 4) A baker used the equation $Y=KX$ to calculate that he had made \$80.22 after selling 7 boxes of his cookies for \$11.46 each. How much would he have made had he sold 8 boxes?
- 5) A construction contractor used the equation $19.74=(2.82)7$ to calculate how much 7 boxes of nails would cost him. How much would 9 boxes of nails cost him?
- 6) The equation $38.36=(5.48)7$ shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled?
- 7) The equation $73.15=(14.63)5$ shows how much it cost for a company to buy 5 new uniforms. How much does it cost per uniform?
- 8) A grocery store paid \$200.97 for 9 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate?
- 9) An ice cream truck driver determined he had made \$8.80 after selling 4 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 8 bars?
- 10) To determine how many pages would be need to make 6 books you can use the equation, $210=(35)6$. How many pages would be in 7 books?

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

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

- | | |
|---|-------------------|
| 1) Faye used the equation $148=(37)4$ to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 6 necklaces? | 1. <u>222</u> |
| 2) Using the equation $48.51=k9$ you can calculate how much it would cost to buy 9 bags of apples. How much would it cost for 5 bags? | 2. <u>\$26.95</u> |
| 3) An industrial printing machine printed 2520 pages in 9 minutes. How many pages did it print in one minute? | 3. <u>280</u> |
| 4) A baker used the equation $Y=KX$ to calculate that he had made \$80.22 after selling 7 boxes of his cookies for \$11.46 each. How much would he have made had he sold 8 boxes? | 4. <u>\$91.68</u> |
| 5) A construction contractor used the equation $19.74=(2.82)7$ to calculate how much 7 boxes of nails would cost him. How much would 9 boxes of nails cost him? | 5. <u>\$25.38</u> |
| 6) The equation $38.36=(5.48)7$ shows how much money you would make for recycling 7 pounds of cans. How much do you make per pound recycled? | 6. <u>\$5.48</u> |
| 7) The equation $73.15=(14.63)5$ shows how much it cost for a company to buy 5 new uniforms. How much does it cost per uniform? | 7. <u>\$14.63</u> |
| 8) A grocery store paid \$200.97 for 9 crates of milk. This can be expressed by the equation $Y=KX$. How much was it for one crate? | 8. <u>\$22.33</u> |
| 9) An ice cream truck driver determined he had made \$8.80 after selling 4 ice cream bars (using the equation $y=kx$). How much would he have earned if he sold 8 bars? | 9. <u>\$17.60</u> |
| 10) To determine how many pages would be need to make 6 books you can use the equation, $210=(35)6$. How many pages would be in 7 books? | 10. <u>245</u> |