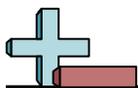
**Solve each problem.**

- 1) To determine how many pages would be need to make 9 books you can use the equation,  $585=(65)9$ . How many pages would be in 3 books?
- 2) A florist used the equation  $52=(26)2$  to determine how many flowers she'd need for 2 bouquets. How many flowers would she need for 8 bouquets?
- 3) A movie theater used  $Y=KX$  to calculate how much money they made selling 5 buckets of popcorn. They determined they made 33.25 dollars. How much was it for each bucket?
- 4) An ice cream truck driver determined he had made \$17.88 after selling 6 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 4 bars?
- 5) At the hardware store you can buy 4 boxes of bolts for \$4.24. This can be expressed by the equation  $4.24=(1.06)4$ . How much would it cost for 8 boxes?
- 6) The equation  $14.48=(3.62)4$  shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 7) An industrial printing machine printed 1185 pages in 5 minutes. How much would it have printed in 6 minutes?
- 8) Debby used the equation  $Y=KX$  to determine she would need 228 beads to create 6 necklaces. How many beads did she use per necklace?
- 9) The equation  $120.56=(15.07)8$  shows how much it cost for a company to buy 8 new uniforms. How much would it cost to buy 6 new uniforms?
- 10) A grocery store paid \$89.43 for 3 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) To determine how many pages would be need to make 9 books you can use the equation,  $585=(65)9$ . How many pages would be in 3 books?
- 2) A florist used the equation  $52=(26)2$  to determine how many flowers she'd need for 2 bouquets. How many flowers would she need for 8 bouquets?
- 3) A movie theater used  $Y=KX$  to calculate how much money they made selling 5 buckets of popcorn. They determined they made 33.25 dollars. How much was it for each bucket?
- 4) An ice cream truck driver determined he had made \$17.88 after selling 6 ice cream bars (using the equation  $y=kx$ ). How much would he have earned if he sold 4 bars?
- 5) At the hardware store you can buy 4 boxes of bolts for \$4.24. This can be expressed by the equation  $4.24=(1.06)4$ . How much would it cost for 8 boxes?
- 6) The equation  $14.48=(3.62)4$  shows how much money you would make for recycling 4 pounds of cans. How much do you make per pound recycled?
- 7) An industrial printing machine printed 1185 pages in 5 minutes. How much would it have printed in 6 minutes?
- 8) Debby used the equation  $Y=KX$  to determine she would need 228 beads to create 6 necklaces. How many beads did she use per necklace?
- 9) The equation  $120.56=(15.07)8$  shows how much it cost for a company to buy 8 new uniforms. How much would it cost to buy 6 new uniforms?
- 10) A grocery store paid \$89.43 for 3 crates of milk. This can be expressed by the equation  $Y=KX$ . How much was it for one crate?

**Answers**

1. 195
2. 208
3. \$6.65
4. \$11.92
5. \$8.48
6. \$3.62
7. 1422
8. 38
9. \$90.42
10. \$29.81