



## Understanding Division Problems

Name: \_\_\_\_\_

Use the completed division problem to answer each question.

### Answers

- |  |                            |           |
|--|----------------------------|-----------|
| 1) A movie theater needed 48 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy?  | $48 \div 9 = 5 \text{ r}3$ | 1. _____  |
| 2) A vat of orange juice was 26 pints. If you wanted to pour the vat into 3 glasses with the same amount in each glass, how many pints would be in each glass?                         | $26 \div 3 = 8 \text{ r}2$ | 2. _____  |
| 3) A vase can hold 7 flowers. If a florist had 67 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?                            | $67 \div 7 = 9 \text{ r}4$ | 3. _____  |
| 4) An airline has 59 pieces of luggage to put away. If each luggage compartment will hold 6 pieces of luggage, how many will be in the compartment that isn't full?                    | $59 \div 6 = 9 \text{ r}5$ | 4. _____  |
| 5) A pizza store had 11 pieces of pepperoni to put on their pizzas. If each pizza got 2 pieces, how many extra pieces of pepperoni would they have?                                    | $11 \div 2 = 5 \text{ r}1$ | 5. _____  |
| 6) Debby had 11 songs on her mp3 player. If she wanted to put the songs equally into 2 different playlists, how many songs would she have left over?                                   | $11 \div 2 = 5 \text{ r}1$ | 6. _____  |
| 7) A botanist picked 12 flowers. She wanted to put them into 5 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?          | $12 \div 5 = 2 \text{ r}2$ | 7. _____  |
| 8) An industrial machine can make 7 crayons a day. If each box of crayons has 3 crayons in it, how many full boxes does the machine make a day?  | $7 \div 3 = 2 \text{ r}1$  | 8. _____  |
| 9) A restaurant needs to buy 20 new plates. If each box has 3 plates in it, how many boxes will they need to buy?  | $20 \div 3 = 6 \text{ r}2$ | 9. _____  |
| 10) A librarian had to pack 28 books into boxes. If each box can hold 6 books, how many boxes did she need?  | $28 \div 6 = 4 \text{ r}4$ | 10. _____ |
| 11) A school had 22 students sign up for the trivia teams. If they wanted to have 7 team, with the same number of students on each team, how many more students would need to sign up? | $22 \div 7 = 3 \text{ r}1$ | 11. _____ |
| 12) A movie store had 9 movies they were putting on 2 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?           | $9 \div 2 = 4 \text{ r}1$  | 12. _____ |