Understanding Division Problems

Name:

Use the completed division problem to answer each question.

1) Each house a carpenter builds needs 7 sinks. If he bought 20 sinks, how many houses would that cover?

$20 \div 7 = 2 \text{ r}6$

1. _____

2) A new video game console needs 6 computer chips. If a machine can create 58 computer chips a day, how many video game consoles can be created in a day?

$58 \div 6 = 9 \text{ r}4$

2. _____

3. _____

3) A builder needed to buy 9 boards for his latest project. If the boards he needs come in packs of 2, how many packages will he need to buy?

$9 \div 2 = 4 \text{ r}1$

4. _____

5. _____

4) An industrial machine can make 13 crayons a day. If each box of crayons has 5 crayons in it, how many full boxes does the machine make a day?

$13 \div 5 = 2 \text{ r}3$

6. _____

5) At the carnival, 6 friends bought 27 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

$27 \div 6 = 4 \text{ r}3$

7. _____

8. _____

6) Jerry had 60 baseball cards he's putting into a binder with 8 on each page. How many cards will he have on the page that isn't full?

$60 \div 8 = 7 \text{ r}4$

9. _____

10. _____

7) A pizza store had 19 pieces of pepperoni to put on their pizzas. If each pizza got 3 pieces, how many extra pieces of pepperoni would they have?

$19 \div 3 = 6 \text{ r}1$

11. _____

8) A grocery store needed 7 cans of peas. If the peas come in boxes with 3 cans in each box, how many boxes would they need to order?

$7 \div 3 = 2 \text{ r}1$

12. _____

9) Carol wanted to drink exactly 6 bottles of water each day, so she bought 14 bottles when they were on sale. How many more bottles will she need to buy on the last day?

$14 \div 6 = 2 \text{ r}2$

10) Victor is trying to earn 33 dollars for some new toys. If he charges 6 dollars to mow a lawn, how many lawns will he need to mow to earn the money?

$33 \div 6 = 5 \text{ r}3$

11) Gwen had 62 songs on her mp3 player. If she wanted to put the songs equally into 9 different playlists, how many songs would she have left over?

$62 \div 9 = 6 \text{ r}8$

12) An art museum had 22 pictures to split equally into 5 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$22 \div 5 = 4 \text{ r}2$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

Use the completed division problem to answer each question.

Answers

1) Each house a carpenter builds needs 7 sinks. If he bought 20 sinks, how many houses would that cover?

$20 \div 7 = 2$ r6

1. **2**

2) A new video game console needs 6 computer chips. If a machine can create 58 computer chips a day, how many video game consoles can be created in a day?

$58 \div 6 = 9$ r4

2. **9**

3) A builder needed to buy 9 boards for his latest project. If the boards he needs come in packs of 2, how many packages will he need to buy?

$9 \div 2 = 4$ r1

3. **5**

4. **2**

4) An industrial machine can make 13 crayons a day. If each box of crayons has 5 crayons in it, how many full boxes does the machine make a day?

$13 \div 5 = 2$ r3

5. **3**

6. **4**

5) At the carnival, 6 friends bought 27 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

$27 \div 6 = 4$ r3

7. **1**

8. **3**

6) Jerry had 60 baseball cards he's putting into a binder with 8 on each page. How many cards will he have on the page that isn't full?

$60 \div 8 = 7$ r4

9. **4**

10. **6**

7) A pizza store had 19 pieces of pepperoni to put on their pizzas. If each pizza got 3 pieces, how many extra pieces of pepperoni would they have?

$19 \div 3 = 6$ r1

11. **8**

12. **3**

8) A grocery store needed 7 cans of peas. If the peas come in boxes with 3 cans in each box, how many boxes would they need to order?

$7 \div 3 = 2$ r1

9) Carol wanted to drink exactly 6 bottles of water each day, so she bought 14 bottles when they were on sale. How many more bottles will she need to buy on the last day?

$14 \div 6 = 2$ r2

10) Victor is trying to earn 33 dollars for some new toys. If he charges 6 dollars to mow a lawn, how many lawns will he need to mow to earn the money?

$33 \div 6 = 5$ r3

11) Gwen had 62 songs on her mp3 player. If she wanted to put the songs equally into 9 different playlists, how many songs would she have left over?

$62 \div 9 = 6$ r8

12) An art museum had 22 pictures to split equally into 5 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$22 \div 5 = 4$ r2

Math

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								