Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) Frank had seven hundred sixty-five pieces of candy. If he wants to split the candy into twenty-eight bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

2) Debby had saved up seven hundred three quarters and decided to spend them on sodas. If it costs twenty-seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

3) Billy is trying to earn five hundred thirty-one dollars for some new video games. If he charges thirty dollars to mow a lawn, how many lawns will he need to mow to earn the money?

4) Kaleb has to sell eight hundred ninety-five chocolate bars to win a trip. If each box contains ten chocolate bars, how many boxes will he need to sell to win the trip?

5) Mike bought two hundred ninety-six pieces of candy to give to twenty-eight of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

6) A machine in a candy company creates seven hundred forty-two pieces of candy a minute. If a small box of candy has forty-nine pieces in it how many full boxes does the machine make in a minute?

7) A school had seven hundred eighty-eight students sign up for the trivia teams. If they wanted to have thirty-three team, with the same number of students on each team, how many more students would need to sign up?

8) A new video game console needs forty-three computer chips. If a machine can create four hundred ninety-five computer chips a day, how many video game consoles can be created in a day?

9) Each house a carpenter builds needs forty-two electric sockets. If he bought eight hundred five sockets, how many houses would that cover?

10) A restaurant needs to buy one hundred sixty new plates. If each box has forty-seven plates in it, how many boxes will they need to buy?

Answers

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

1-10	90	80	70	60	50	40	30	20	10	0

Division Word Problems (3÷2) w/ Remainder

Name: **Answer Key**

Solve each problem.

1) Frank had seven hundred sixty-five pieces of candy. If he wants to split the candy into twenty-eight bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

765÷28 = 27 r9

2) Debby had saved up seven hundred three quarters and decided to spend them on sodas. If it costs twenty-seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

703÷27 = 26 r1

3) Billy is trying to earn five hundred thirty-one dollars for some new video games. If he charges thirty dollars to mow a lawn, how many lawns will he need to mow to earn the money?

531÷30 = 17 r21

4) Kaleb has to sell eight hundred ninety-five chocolate bars to win a trip. If each box contains ten chocolate bars, how many boxes will he need to sell to win the trip?

895÷10 = 89 r5

5) Mike bought two hundred ninety-six pieces of candy to give to twenty-eight of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

296÷28 = 10 r16

6) A machine in a candy company creates seven hundred forty-two pieces of candy a minute. If a small box of candy has forty-nine pieces in it how many full boxes does the machine make in a minute?

742÷49 = 15 r7

7) A school had seven hundred eighty-eight students sign up for the trivia teams. If they wanted to have thirty-three team, with the same number of students on each team, how many more students would need to sign up?

788÷33 = 23 r29

8) A new video game console needs forty-three computer chips. If a machine can create four hundred ninety-five computer chips a day, how many video game consoles can be created in a day?

495÷43 = 11 r22

9) Each house a carpenter builds needs forty-two electric sockets. If he bought eight hundred five sockets, how many houses would that cover?

805÷42 = 19 r7

10) A restaurant needs to buy one hundred sixty new plates. If each box has forty-seven plates in it, how many boxes will they need to buy?

160÷47 = 3 r19

Answers

1. 19
2. 26
3. 18
4. 90
5. 16
6. 15
7. 4
8. 11
9. 19
10. 4

1-10	90	80	70	60	50	40	30	20	10	0

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

90	4	15	4	26
16	19	19	11	18

1) Frank had 765 pieces of candy. If he wants to split the candy into 28 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

2) Debby had saved up 703 quarters and decided to spend them on sodas. If it costs 27 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

3) Billy is trying to earn 531 dollars for some new video games. If he charges 30 dollars to mow a lawn, how many lawns will he need to mow to earn the money?

4) Kaleb has to sell 895 chocolate bars to win a trip. If each box contains 10 chocolate bars, how many boxes will he need to sell to win the trip?

5) Mike bought 296 pieces of candy to give to 28 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

6) A machine in a candy company creates 742 pieces of candy a minute. If a small box of candy has 49 pieces in it how many full boxes does the machine make in a minute?

7) A school had 788 students sign up for the trivia teams. If they wanted to have 33 team, with the same number of students on each team, how many more students would need to sign up?

8) A new video game console needs 43 computer chips. If a machine can create 495 computer chips a day, how many video game consoles can be created in a day?

9) Each house a carpenter builds needs 42 electric sockets. If he bought 805 sockets, how many houses would that cover?

10) A restaurant needs to buy 160 new plates. If each box has 47 plates in it, how many boxes will they need to buy?

Answers

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

1-10	90	80	70	60	50	40	30	20	10	0