Solve each problem.

1) It takes twenty-seven grams of plastic to make a ruler. If a company had four hundred one grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use two hundred three beads to make twelve necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

3) A new video game console needs twenty-six computer chips. If a machine can create seven hundred ten computer chips a day, how many video game consoles can be created in a day?

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

5) A coat factory had seven hundred thirty-six coats. If they wanted to put them into twenty-five boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) Haley had six hundred fifteen photos to put into a photo album. If each page holds fourteen photos, how many full pages will she have?

7) Adam had nine hundred eighteen pieces of candy. If he wants to split the candy into forty-three 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?

8) There are three hundred twenty students going to a trivia competition. If each school van can hold fourteen students, how many vans will they need?

9) Carol received five hundred seventy-seven dollars for her birthday. Later she found some toys that cost twenty dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell two hundred forty-three chocolate bars to win a trip. If each box contains eighteen chocolate bars, how many boxes will he need to sell to win the trip?

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

Solve each problem.

1) It takes twenty-seven grams of plastic to make a ruler. If a company had four hundred one grams of plastic, how many entire rulers could they make?

$401 \div 27 = 14 \text{ r}23$

1. _____ **14**

2) Olivia is making bead necklaces. She wants to use two hundred three beads to make twelve necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$203 \div 12 = 16 \text{ r}11$

2. _____ **11**

3. _____ **27**

3) A new video game console needs twenty-six computer chips. If a machine can create seven hundred ten computer chips a day, how many video game consoles can be created in a day?

$710 \div 26 = 27 \text{ r}8$

4. _____ **19**

5. _____ **11**

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

$233 \div 36 = 6 \text{ r}17$

6. _____ **43**

7. _____ **28**

5) A coat factory had seven hundred thirty-six coats. If they wanted to put them into twenty-five boxes, with the same number of coats in each box, how many extra coats would they have left over?

$736 \div 25 = 29 \text{ r}11$

8. _____ **23**

9. _____ **17**

6) Haley had six hundred fifteen photos to put into a photo album. If each page holds fourteen photos, how many full pages will she have?

$615 \div 14 = 43 \text{ r}13$

10. _____ **14**

7) Adam had nine hundred eighteen pieces of candy. If he wants to split the candy into forty-three 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?

$918 \div 43 = 21 \text{ r}15$

8) There are three hundred twenty students going to a trivia competition. If each school van can hold fourteen students, how many vans will they need?

$320 \div 14 = 22 \text{ r}12$

9) Carol received five hundred seventy-seven dollars for her birthday. Later she found some toys that cost twenty dollars each. How much money would she have left if she bought as many as she could?

$577 \div 20 = 28 \text{ r}17$

10) Tom has to sell two hundred forty-three chocolate bars to win a trip. If each box contains eighteen chocolate bars, how many boxes will he need to sell to win the trip?

$243 \div 18 = 13 \text{ r}9$

Division Word Problems (3÷2) w/ Remainder   Name:

Solve each problem.

| 19 | 11 | 14 | 14 | 28 |
| 23 | 11 | 17 | 27 | 43 |

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) It takes 27 grams of plastic to make a ruler. If a company had 401 grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use 203 beads to make 12 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

3) A new video game console needs 26 computer chips. If a machine can create 710 computer chips a day, how many video game consoles can be created in a day?

4) A school had 233 students sign up for the trivia teams. If they wanted to have 36 team, with the same number of students on each team, how many more students would need to sign up?

5) A coat factory had 736 coats. If they wanted to put them into 25 boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) Haley had 615 photos to put into a photo album. If each page holds 14 photos, how many full pages will she have?

7) Adam had 918 pieces of candy. If he wants to split the candy into 43 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?

8) There are 320 students going to a trivia competition. If each school van can hold 14 students, how many vans will they need?

9) Carol received 577 dollars for her birthday. Later she found some toys that cost 20 dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell 243 chocolate bars to win a trip. If each box contains 18 chocolate bars, how many boxes will he need to sell to win the trip?

Math   **Modified** www.CommonCoreSheets.com   3   1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0