Name:

Solve each problem.

1) Emily had eight hundred sixty-three photos to put into a photo album. If each page holds forty-one photos, how many full pages will she have?

2) A movie theater needed eight hundred sixty popcorn buckets. If each package has twenty-four buckets in it, how many packages will they need to buy?

3) Haley wanted to drink exactly twenty-nine bottles of water each day, so she bought two hundred eleven bottles when they were on sale. How many more bottles will she need to buy on the last day?

4) Each house a carpenter builds needs forty-six electric sockets. If he bought seven hundred ninety-six sockets, how many houses would that cover?

5) Tiffany is making bead necklaces. She wants to use six hundred seventy-one beads to make thirty-three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

6) Victor's dad bought six hundred seventy-nine centimeters of string. If he wanted to cut the string into pieces with each piece being fifteen centimeters long, how many full sized pieces could he make?

7) Sarah had six hundred nineteen songs on her mp3 player. If she wanted to put the songs equally into twenty-four different playlists, how many songs would she have left over?

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

9) A movie store had eight hundred fifty-six movies they were putting on forty shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

10) An art museum had six hundred twenty-two pictures to split equally into nineteen different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

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Math

Solve each problem.

1) Emily had eight hundred sixty-three photos to put into a photo album. If each page holds forty-one photos, how many full pages will she have?

863÷41 = 21 r2

1. ___**21**___

2) A movie theater needed eight hundred sixty popcorn buckets. If each package has twenty-four buckets in it, how many packages will they need to buy?

860÷24 = 35 r20

2. ___**36**___

3) Haley wanted to drink exactly twenty-nine bottles of water each day, so she bought two hundred eleven bottles when they were on sale. How many more bottles will she need to buy on the last day?

211÷29 = 7 r8

3. ___**21**___

4. ___**17**___

4) Each house a carpenter builds needs forty-six electric sockets. If he bought seven hundred ninety-six sockets, how many houses would that cover?

796÷46 = 17 r14

5. ___**11**___

5) Tiffany is making bead necklaces. She wants to use six hundred seventy-one beads to make thirty-three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

671÷33 = 20 r11

6. ___**45**___

7. ___**19**___

6) Victor's dad bought six hundred seventy-nine centimeters of string. If he wanted to cut the string into pieces with each piece being fifteen centimeters long, how many full sized pieces could he make?

679÷15 = 45 r4

8. ___**45**___

7) Sarah had six hundred nineteen songs on her mp3 player. If she wanted to put the songs equally into twenty-four different playlists, how many songs would she have left over?

619÷24 = 25 r19

9. ___**24**___

10. ___**5**___

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

764÷17 = 44 r16

9) A movie store had eight hundred fifty-six movies they were putting on forty shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

856÷40 = 21 r16

10) An art museum had six hundred twenty-two pictures to split equally into nineteen different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

622÷19 = 32 r14

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

24	5	21	45	19
21	45	11	17	36

1) Emily had 863 photos to put into a photo album. If each page holds 41 photos, how many full pages will she have?

2) A movie theater needed 860 popcorn buckets. If each package has 24 buckets in it, how many packages will they need to buy?

3) Haley wanted to drink exactly 29 bottles of water each day, so she bought 211 bottles when they were on sale. How many more bottles will she need to buy on the last day?

4) Each house a carpenter builds needs 46 electric sockets. If he bought 796 sockets, how many houses would that cover?

5) Tiffany is making bead necklaces. She wants to use 671 beads to make 33 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

6) Victor's dad bought 679 centimeters of string. If he wanted to cut the string into pieces with each piece being 15 centimeters long, how many full sized pieces could he make?

7) Sarah had 619 songs on her mp3 player. If she wanted to put the songs equally into 24 different playlists, how many songs would she have left over?

8) A restaurant needs to buy 764 new plates. If each box has 17 plates in it, how many boxes will they need to buy?

9) A movie store had 856 movies they were putting on 40 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

10) An art museum had 622 pictures to split equally into 19 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

Answers

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