

**Solve each problem.****Answers**

- 1) Faye had five hundred sixty songs on her mp3 player. If she wanted to put the songs equally into thirty-six different playlists, how many songs would she have left over?
- 2) A florist had eight hundred eighty-nine flowers. She wanted to put them into forty-two bouquets with the same number of flowers in each. How many more flowers should she get to put in the vases so she doesn't have any flowers left over?
- 3) A restaurant needs to buy six hundred ninety-eight new plates. If each box has forty-seven plates in it, how many boxes will they need to buy?
- 4) Roger had six hundred thirty-four marbles he's putting into bags with forty-eight in each bag. How many marbles will he have in the bag that isn't full?
- 5) Emily had five hundred fifty-seven photos to put into a photo album. If each page holds twenty-nine photos, how many full pages will she have?
- 6) At the carnival, forty-three friends bought four hundred twenty-three tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy?
- 7) A flash drive could hold ten gigs of data. If you needed to store five hundred two gigs, how many flash drive would you need?
- 8) A box can hold thirty-three brownies. If a baker made eight hundred one brownies, how many full boxes of brownies did he make?
- 9) An airline has eight hundred seventy-four pieces of luggage to put away. If each luggage compartment will hold thirty-seven pieces of luggage, how many will be in the compartment that isn't full?
- 10) Dave has to sell seven hundred seventy-eight 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. _____
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6. _____
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8. _____
9. _____
10. _____

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- 1) Faye had five hundred sixty songs on her mp3 player. If she wanted to put the songs equally into thirty-six different playlists, how many songs would she have left over? $560 \div 36 = 15 \text{ r}20$
- 2) A florist had eight hundred eighty-nine flowers. She wanted to put them into forty-two bouquets with the same number of flowers in each. How many more flowers should she get to put in the vases so she doesn't have any flowers left over? $889 \div 42 = 21 \text{ r}7$
- 3) A restaurant needs to buy six hundred ninety-eight new plates. If each box has forty-seven plates in it, how many boxes will they need to buy? $698 \div 47 = 14 \text{ r}40$
- 4) Roger had six hundred thirty-four marbles he's putting into bags with forty-eight in each bag. How many marbles will he have in the bag that isn't full? $634 \div 48 = 13 \text{ r}10$
- 5) Emily had five hundred fifty-seven photos to put into a photo album. If each page holds twenty-nine photos, how many full pages will she have? $557 \div 29 = 19 \text{ r}6$
- 6) At the carnival, forty-three friends bought four hundred twenty-three tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy? $423 \div 43 = 9 \text{ r}36$
- 7) A flash drive could hold ten gigs of data. If you needed to store five hundred two gigs, how many flash drive would you need? $502 \div 10 = 50 \text{ r}2$
- 8) A box can hold thirty-three brownies. If a baker made eight hundred one brownies, how many full boxes of brownies did he make? $801 \div 33 = 24 \text{ r}9$
- 9) An airline has eight hundred seventy-four pieces of luggage to put away. If each luggage compartment will hold thirty-seven pieces of luggage, how many will be in the compartment that isn't full? $874 \div 37 = 23 \text{ r}23$
- 10) Dave has to sell seven hundred seventy-eight 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? $778 \div 18 = 43 \text{ r}4$

Answers

1. 20
2. 35
3. 15
4. 10
5. 19
6. 7
7. 51
8. 24
9. 23
10. 44



Solve each problem.

7

40

12

7

60

30

5

4

41

11

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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