Solve each problem.

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?
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\[ 560 \div 36 = 15 \text{ r} 20 \]

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\[ 889 \div 42 = 21 \text{ r} 7 \]

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\[ 698 \div 47 = 14 \text{ r} 40 \]

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\[ 634 \div 48 = 13 \text{ r} 10 \]

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\[ 557 \div 29 = 19 \text{ r} 6 \]

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\[ 423 \div 43 = 9 \text{ r} 36 \]

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\[ 502 \div 10 = 50 \text{ r} 2 \]

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\[ 801 \div 33 = 24 \text{ r} 9 \]

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\[ 874 \div 37 = 23 \text{ r} 23 \]

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\[ 778 \div 18 = 43 \text{ r} 4 \]
Solve each problem.

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