

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

- 1) A builder needed to buy six hundred nine boards for his latest project. If the boards he needs come in packs of eight, how many packages will he need to buy?
- 2) A box of computer paper has three hundred five sheets left in it. If each printer in a computer lab needed three sheets how many printers would the box fill up?
- 3) An industrial machine can make six hundred fifty-five crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day?
- 4) A flash drive could hold two gigs of data. If you needed to store four hundred ninety-three gigs, how many flash drive would you need?
- 5) A clown needed four hundred seventy-seven balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?
- 6) Rachel had nine hundred thirty-four songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over?
- 7) An airline has six hundred sixty pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?
- 8) A school had three hundred seventeen students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?
- 9) A container can hold two orange slices. If a company had five hundred thirty-five orange slices to put into containers, how many more slices would they need to fill up the last container?
- 10) Robin had four hundred ninety-four photos to put into a photo album. If each page holds seven photos, how many full pages will she have?

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

1) A builder needed to buy six hundred nine boards for his latest project. If the boards he needs come in packs of eight, how many packages will he need to buy?	$609 \div 8 = 76 \text{ r}1$	1. <u>77</u>
2) A box of computer paper has three hundred five sheets left in it. If each printer in a computer lab needed three sheets how many printers would the box fill up?	$305 \div 3 = 101 \text{ r}2$	2. <u>101</u>
3) An industrial machine can make six hundred fifty-five crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day?	$655 \div 4 = 163 \text{ r}3$	3. <u>163</u>
4) A flash drive could hold two gigs of data. If you needed to store four hundred ninety-three gigs, how many flash drive would you need?	$493 \div 2 = 246 \text{ r}1$	4. <u>247</u>
5) A clown needed four hundred seventy-seven balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?	$477 \div 2 = 238 \text{ r}1$	5. <u>239</u>
6) Rachel had nine hundred thirty-four songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over?	$934 \div 4 = 233 \text{ r}2$	6. <u>2</u>
7) An airline has six hundred sixty pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?	$660 \div 8 = 82 \text{ r}4$	7. <u>4</u>
8) A school had three hundred seventeen students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	$317 \div 3 = 105 \text{ r}2$	8. <u>1</u>
9) A container can hold two orange slices. If a company had five hundred thirty-five orange slices to put into containers, how many more slices would they need to fill up the last container?	$535 \div 2 = 267 \text{ r}1$	9. <u>1</u>
10) Robin had four hundred ninety-four photos to put into a photo album. If each page holds seven photos, how many full pages will she have?	$494 \div 7 = 70 \text{ r}4$	10. <u>70</u>



Solve each problem.

Answers

163

239

4

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101

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247

77

2

- 1) A builder needed to buy 609 boards for his latest project. If the boards he needs come in packs of 8, how many packages will he need to buy?
- 2) A box of computer paper has 305 sheets left in it. If each printer in a computer lab needed 3 sheets how many printers would the box fill up?
- 3) An industrial machine can make 655 crayons a day. If each box of crayons has 4 crayons in it, how many full boxes does the machine make a day?
- 4) A flash drive could hold 2 gigs of data. If you needed to store 493 gigs, how many flash drive would you need?
- 5) A clown needed 477 balloons for a party he was going to, but the balloons only came in packs of 2. How many packs of balloons would he need to buy?
- 6) Rachel had 934 songs on her mp3 player. If she wanted to put the songs equally into 4 different playlists, how many songs would she have left over?
- 7) An airline has 660 pieces of luggage to put away. If each luggage compartment will hold 8 pieces of luggage, how many will be in the compartment that isn't full?
- 8) A school had 317 students sign up for the trivia teams. If they wanted to have 3 team, with the same number of students on each team, how many more students would need to sign up?
- 9) A container can hold 2 orange slices. If a company had 535 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 10) Robin had 494 photos to put into a photo album. If each page holds 7 photos, how many full pages will she have?

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