

**Use division to solve each problem.****Answers**

- 1) A librarian had to pack thirty-four books into boxes. If each box can hold five books, how many boxes did she need?
- 2) A box can hold four brownies. If a baker made thirteen brownies, how many full boxes of brownies did he make?
- 3) A builder needed to buy twenty-nine boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy?
- 4) Tom wanted to give each of his seven friends an equal amount of candy. At the store he bought forty-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 5) A botanist picked twenty-three flowers. She wanted to put them into six bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 6) A vat of orange juice was forty-three pints. If you wanted to pour the vat into eight glasses with the same amount in each glass, how many pints would be in each glass?
- 7) Amy had twenty-two 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?
- 8) A flash drive could hold five gigs of data. If you needed to store forty-six gigs, how many flash drive would you need?
- 9) A container can hold six orange slices. If a company had forty-four orange slices to put into containers, how many more slices would they need to fill up the last container?
- 10) A vase can hold three flowers. If a florist had twenty-nine flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

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| | | | <u>Answers</u> |
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| 1) A librarian had to pack thirty-four books into boxes. If each box can hold five books, how many boxes did she need? | $34 \div 5 = 6 \text{ r}4$ | 1. | <u>7</u> |
| 2) A box can hold four brownies. If a baker made thirteen brownies, how many full boxes of brownies did he make? | $13 \div 4 = 3 \text{ r}1$ | 2. | <u>3</u> |
| 3) A builder needed to buy twenty-nine boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy? | $29 \div 5 = 5 \text{ r}4$ | 3. | <u>6</u> |
| 4) Tom wanted to give each of his seven friends an equal amount of candy. At the store he bought forty-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? | $45 \div 7 = 6 \text{ r}3$ | 4. | <u>4</u> |
| 5) A botanist picked twenty-three flowers. She wanted to put them into six bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? | $23 \div 6 = 3 \text{ r}5$ | 5. | <u>1</u> |
| 6) A vat of orange juice was forty-three pints. If you wanted to pour the vat into eight glasses with the same amount in each glass, how many pints would be in each glass? | $43 \div 8 = 5 \text{ r}3$ | 6. | <u>5</u> |
| 7) Amy had twenty-two 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? | $22 \div 4 = 5 \text{ r}2$ | 7. | <u>2</u> |
| 8) A flash drive could hold five gigs of data. If you needed to store forty-six gigs, how many flash drive would you need? | $46 \div 5 = 9 \text{ r}1$ | 8. | <u>10</u> |
| 9) A container can hold six orange slices. If a company had forty-four orange slices to put into containers, how many more slices would they need to fill up the last container? | $44 \div 6 = 7 \text{ r}2$ | 9. | <u>4</u> |
| 10) A vase can hold three flowers. If a florist had twenty-nine flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full? | $29 \div 3 = 9 \text{ r}2$ | 10. | <u>2</u> |



Use division to solve each problem.

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Answers

- 1) A librarian had to pack 34 books into boxes. If each box can hold 5 books, how many boxes did she need?
- 2) A box can hold 4 brownies. If a baker made 13 brownies, how many full boxes of brownies did he make?
- 3) A builder needed to buy 29 boards for his latest project. If the boards he needs come in packs of 5, how many packages will he need to buy?
- 4) Tom wanted to give each of his 7 friends an equal amount of candy. At the store he bought 45 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 5) A botanist picked 23 flowers. She wanted to put them into 6 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 6) A vat of orange juice was 43 pints. If you wanted to pour the vat into 8 glasses with the same amount in each glass, how many pints would be in each glass?
- 7) Amy had 22 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?
- 8) A flash drive could hold 5 gigs of data. If you needed to store 46 gigs, how many flash drive would you need?
- 9) A container can hold 6 orange slices. If a company had 44 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 10) A vase can hold 3 flowers. If a florist had 29 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

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