

Understanding Division Problems

Name:

se the completed division problem to answer the question.

| 1) | Amy wanted to drink exactly four bottles of water each day, so she | |
|----|--|-------------|
| | bought thirty-three bottles when they were on sale. How many more | 33÷4 = 8 r1 |
| | bottles will she need to buy on the last day? | |

Answers

- 2) A flash drive could hold eight gigs of data. If you needed to store fifty- $57 \div 8 = 7 \text{ r}$ 1 seven gigs, how many flash drive would you need?
- 3) A food company has forty-one kilograms of food to put into boxes. If each box gets exactly six kilograms, how many full boxes will they $41 \div 6 = 6 \text{ r}$ have?
- 4) A vase can hold three flowers. If a florist had twenty-three flowers she wanted to put equally into vases, how many flowers would be in 23÷3 = 7 r2 the last vase that isn't full?
- 5) A recycling company had eleven pounds of material to sort. To make it easier they split them into boxes with each full box having four $11 \div 4 = 2 \text{ r}$ pounds, how many full boxes did they have?
- 6) There are thirty-seven people attending a luncheon. If a table can $37 \div 5 = 7 \text{ r}2$ hold five people, how many tables do they need?

- 7) It takes five grams of plastic to make a ruler. If a company had forty- $47 \div 5 = 9 \text{ r}2$ seven grams of plastic, how many entire rulers could they make?

- 8) Sarah had ten pennies. She wanted to place the pennies into three stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
 - $10 \div 3 = 3 r1$
- 9) A coat factory had forty-five coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats would they have left over?
 - $45 \div 8 = 5 \text{ r}$
- 10) Dave had twenty-four baseball cards he's putting into a binder with nine on each page. How many cards will he have on the page that isn't full?
 - $24 \div 9 = 2 \text{ r6}$



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Answers



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| остроительного респектов институт | | | | | | | | |
|-----------------------------------|---|---|---|---|--|--|--|--|
| 5 | 2 | 2 | 8 | 6 | | | | |
| 2 | 8 | 6 | 9 | 3 | | | | |

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 - 3. _____
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- 5. _____
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- 9. _____
- 10. _____