$62 \div 8 = 7 \text{ r6}$ 

Use the completed division problem to answer the question.

- 1) A builder needed to buy thirty-three boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to  $33 \div 5 = 6 \text{ r}$ buy?

Answers

2) Maria had sixty-two songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?

- 3) A movie store had ten movies they were putting on three shelves. If the owner wanted to make sure each shelf had the same number of movies how  $10 \div 3 = 3 \text{ r1}$ many more movies would he need?
- 4) A box of computer paper has twenty-eight sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill  $28 \div 9 = 3 \text{ r1}$ up?

- 5) Lana is making bead necklaces. She wants to use seventy-three beads to make nine necklaces. If she wants each necklace to have the same number  $73 \div 9 = 8 \text{ r}$ 1 of beads, how many beads will she have left over?

- 6) Amy had forty-six pennies. She wanted to place the pennies into five stacks, with the same amount in each stack. How many more pennies would  $46 \div 5 = 9 \text{ r1}$ she need so all the stacks would be equal?

- 7) Dave is trying to earn eighteen dollars for some new toys. If he charges four dollars to mow a lawn, how many lawns will he need to mow to earn the  $18 \div 4 = 4 \text{ r}2$ money?

- each pizza got nine pieces, how many extra pieces of pepperoni would they  $28 \div 9 = 3 \text{ r1}$ have?
- 8) A pizza store had twenty-eight pieces of pepperoni to put on their pizzas. If
- 9) It takes three grams of plastic to make a ruler. If a company had fourteen  $14 \div 3 = 4 \text{ r}2$ grams of plastic, how many entire rulers could they make?
- 10) A food company has twenty-one kilograms of food to put into boxes. If  $21 \div 9 = 2 \text{ r}3$ each box gets exactly nine kilograms, how many full boxes will they have?

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## **Understanding Division Problems**

Name:

Use the completed division problem to answer the question.

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