



Mixed add / subtract / multiply / divide

Grade 3 Word Problems Worksheet

Emma was having a party at her house with her friends.

1. She invited 5 friends and each friend brought 2 other friends.
How many guests were there?
2. Assume each car carried 3 guests. Together with Emma's car,
how many cars were parked outside her house?
3. Emma placed 25 paper cups and 17 paper plates on the
kitchen table. How many more cups were there than the
number of guests?





4. She took out 8 packs of chips and put the chips in some bowls for her guests. If each pack of chip can fill up 2 bowls, how many packs of chips were left after she filled up 12 bowls?
5. Emma ordered three pizzas which costs \$9 each and she gave a \$4 tip to the delivery person. How much change did she get back if she gives the delivery person 2 twenty-dollar bills?
6. Write the number sentence that fits this: "Each bottle of juice can fill up 8 cups. To fill up 32 cups, Emma needs 4 bottles of juice."



Answers

1. $5 \times 3 = 15$
There were 15 guests.
2. $15 \div 3 = 5$ guest's cars.
 $5 + 1 = 6$ (including Emma's car)
There were 6 cars parked outside her house.
3. $25 - 15 = 10$
There are 10 more cups than the number of guests.
4. $8 - 12 \div 2 = 2$
There were two packs of chips.
5. $2 \times 20 - 9 \times 3 - 4 = 40 - 27 - 4 = 9$
Emma got back \$9 of change.
6. $32 \div 8 = 4$