Properties of Addition and Subtraction

Use properties to solve problems 1-6.

1. Julie and her friends bought tickets for rides at the fair. Julie bought 24 tickets. Dottie bought 29 tickets, and Carlos bought 36 tickets. How many tickets did they buy in all?

24 + 29 + 36 = 24 + ______ + 29

= ______ + 29

= ______ tickets

2. Stephen is preparing for his school’s ice cream social. Stephen set 13 bowls on one table and 15 bowls on another table. He set 12 more bowls on a third table than on the first two combined. How many bowls did Stephen set on the third table?

(13 + 15) + 12 = ______ + ______ + ______

= ______ + ______

= ______ bowls

3. Craig and his brothers were playing a game. Craig’s score was 41 points. Jake’s score was 23 points. Noah’s score was 19 points more than his brother’s scores combined. How many points did Noah score?

4. Tom’s class donates 47 cans of food to the local food pantry. Maria’s class donates 32 cans of food. Jack’s class donates 53 cans of food. How many cans of food were donated by the classes in all?

5. Ginny played a game five times. She earned 57, 38, 75, 62, and 43 points. How many points did Ginny earn in all?

6. Barry raked leaves Monday through Wednesday. He earned $12.25 on Monday and $7.45 on Tuesday. For the week, he earned $34.05. How much money did Barry earn on Wednesday?