

6.EE.6 Study Guide

1.  **Use pencil and paper to answer the question.**

Write an expression to represent the following situation.

Sasha has b blue marbles and g green marbles.

Her brother says, "I have three times as many marbles as you."

How many marbles does her brother have?

_____ marbles

2.  **Use pencil and paper to answer the question.**

Write an expression to represent the following situation.

Sasha has b blue marbles and g green marbles.

Her brother says, "I have six times as many marbles as you."

How many marbles does her brother have?

_____ marbles

3.  **Use pencil and paper to answer the question.**

Write an expression to represent the following situation.

Alisha can make c paper cranes in an hour.

Marci can make m paper cranes in an hour.

If Alisha makes cranes for 4 hours and Marci makes cranes for 5 hours, how many cranes will they have altogether?

_____ cranes

4.  **Use pencil and paper to answer the question.**

Write an expression to represent the following situation.

Sasha has b blue marbles and g green marbles.

Her brother says, "I have twice as many marbles as you."

How many marbles does her brother have?

_____ marbles

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Answer Key

1. $3(b + g)$ or $3b + 3g$

2. $6(b + g)$ or $6b + 6g$

3. $4c + 5m$

4. $2(b + g)$ or $2b + 2g$