

Name \_\_\_\_\_

### Mathematical Argumentation:

Answering math problems can sometimes be done using a combination of four things: a claim (answer), evidence (proof that the answer is right), a warrant (common understanding-what do we generally know) and includes math related vocabulary.

Solve the problem below and include parts of a math argument in your answer.

**Maria and Eddie each bought a bag of marbles. Maria's bag had 12 marbles. Three were red, six were blue and three were white. Eddie's bag had 10 marbles. Three were red, five were blue and two were white. Eddie told Maria half of their marbles were blue. Maria disagreed. Who is right? How do you know?**

Make a claim.

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Show your evidence.

What do we know and understand. Include vocabulary (equivalent, fractions, etc.)

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Put it altogether in words.

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