Solve the following using Matrix Addition:

Name:

Period:

1. Find **A + B** if A = and B =

**A + B** =

(2 x 3)

1. Find **C – D** if C = and D =

**C – D** =

(3 x 2)

1. Is matrix subtraction commutative? Test below and show all work necessary to justify:

**A – B: B – A:**

**A – B** = **B – A** =

Circle one choice: YES NO

1. Can you solve the following equation? **A + B - C**

If yes show all work below; if no fully explain why not.

Circle one choice: YES NO

Justify here:

1. If **A** = ; find: **3A**

**3A** =

(3 x 3)

1. Looking at the above problem 3A… Which is the Scalar value and which is the Vector value?

Scalar \_\_\_\_\_\_\_\_\_ Vector \_\_\_\_\_\_\_\_\_

1. Find the value for **M** if **M =** **2C + 3D – C** show all work below:

**M** =