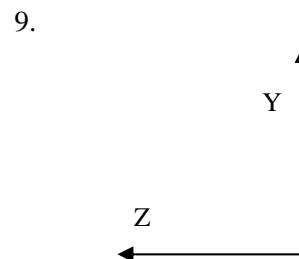
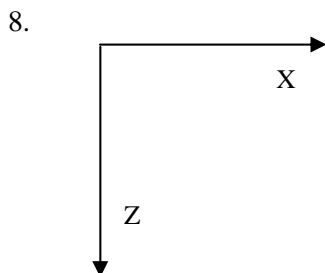
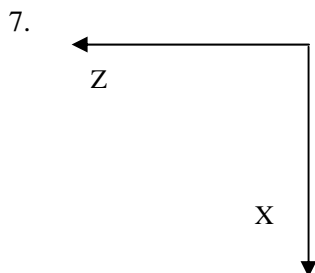
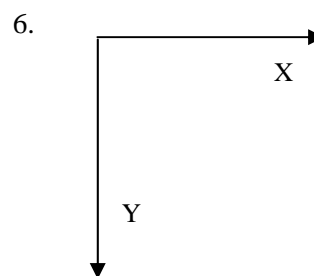
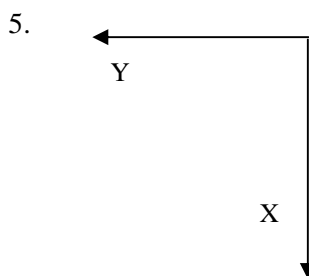
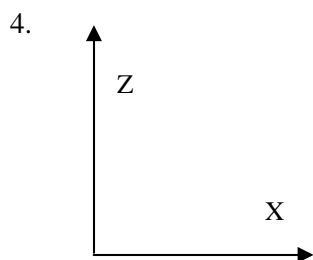
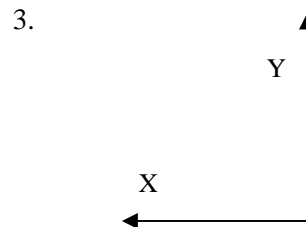
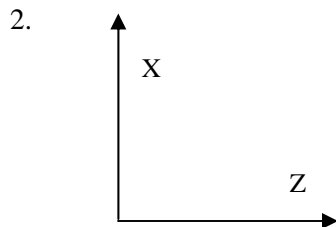
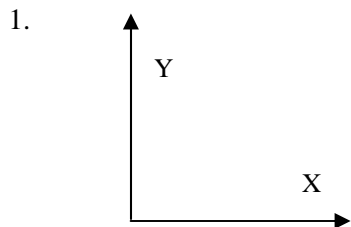


Right Hand Rule / Pythagorean Theorem

Part 1-Right Hand Rule

Determine if the third axis would go in or come out of the paper.



Part 2-Pythagorean Theorem

Solve the following problems for the missing side.

1. Leg 1 = 12 Leg 2 = 15 Hypotenuse = _____

2. Leg 1 = 3 Leg 2 = _____ Hypotenuse = 9

3. Leg 1 = _____ Leg 2 = 6 Hypotenuse = 17

Name: _____

Mr. Croom's Physics

Date: _____

Chapter 2: One Dimensional Motion

Solve for the distance between the points

1. Point 1 = (6, 12) Point 2 (15, 20)

2. Point 1 = (8, -4) Point 2 (7, 17)

3. Point 1 = (3, 5) Point 2 (7, 9)

4. Point 1 = (-15, -8) Point 2 (2, 6)

5. Point 1 = (4, 10, 15) Point 2 (6, 3, 2)

6. Point 1 = (2, 4, 8) Point 2 (16, 8, 4)