



## PHYSLETS ANSWER SHEET

## FLUIDS 1

### Fluids / Animation 1

Name \_\_\_\_\_ Class \_\_\_\_\_

<Show all work on calculations. Include proper units. Explanations require complete sentences.>

1) What is the mass of the red cylinder?

2) Find the density of the red object being immersed in the water bucket.

3) If the water bucket rests on a bathroom scale, as the red cylinder is inserted into the water, the reading of the bathroom scale will: (circle one)

Increase          Decrease          Remain the Same

4) If the water in the bucket is replaced by alcohol (specific gravity = 0.800), the final reading of the spring balance will be (compared to what it was with water): (circle one)

More          Less          The Same