

**Algebra 2**  
**Unit: Rational Functions**  
**Section: Direct and Inverse Variation**

**Bucket Game: Direct and Inverse Variation**

Directions: Tell whether the equation is an example of a Direct Variation or an Inverse Variation.

1.  $y$  equals 9 times  $x$
2.  $y$  equals negative 6 divided by  $x$
3.  $y$  equals negative 4 times  $x$
4.  $y$  equals 10 divided by  $x$
5.  $y$  equals 20 times  $x$
6.  $y$  equals 1 divided by  $x$

Answers:

1. Direct Variation
2. Inverse Variation
3. Direct Variation
4. Inverse Variation
5. Direct Variation
6. Inverse Variation