

Mathematics 122 Quiz #7

Name: _____

1. What is the equation of the line through the two points (3, 7) and (5, 9)?

The equation is _____

2. Consider the following table relating values of p and q .

p	1	3	7	12
q	5	13	29	49

- (a) Explain why the relationship between p and q is linear. Use complete sentences.

- (b) Find a linear equation relating p and q . The equation is _____

- (c) What is the value of p when $q = 25$? The value of p is _____