

Give yourself 15 minutes for this take-home quiz. Notes are not allowed, but calculators or class manipulatives may be used. This quiz will be exchanged and discussed during class.

1. For the tables below, label the relationships as: linear, quadratic, exponential, inversely proportional, or other. (3 MP*)

a.

x	y
1	36
2	18
3	12
4	9
5	7.2

b.

x	y
1	48
2	72
3	108
4	162
5	243

c.

x	y
3	-5
6	-4
9	-3
12	-2
15	-1

2. Please provide an equation for the first exponential relationship above. (3 MP*)