Mathematics Assessment Program
College and Career Readiness Mathematics

Short Tasks: Linear and Exponential Models 1

1a. One of these tables represents a linear relationship, one represents an exponential growth and one represents an exponential decay.
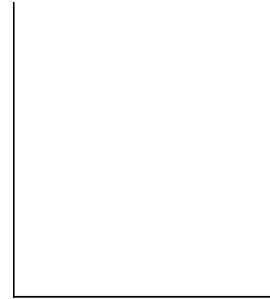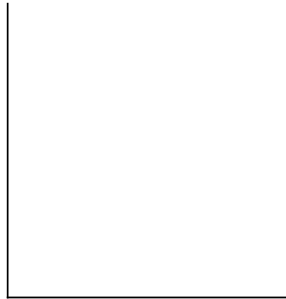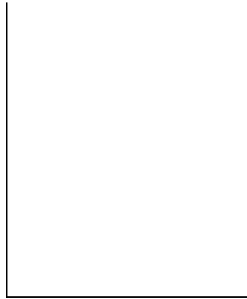Label each table correctly.

x	y
1	6
2	9
3	12
4	15

x	y
1	56
2	28
3	14
4	7

x	y
1	6
2	9
3	13.5
4	20.25

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1b. Sketch graphs showing each of these relationships.

1c. Write an equation representing the linear relationship.

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