6.12a

1. Tyrique is mixing yellow and blue paint using a ratio of 2 to 3. Create a table of values to represent this proportional relationship.

Amount of yellow paint	Amount of blue paint

2. Stacy went to an arcade that requires 6 tokens to play 2 games. If a proportional relationship exists between the number of games and the number of tokens, create a table of values to represent this relationship.

Number of games	Number of tokens

3. Which of the following tables represents a proportional relationship between x and y with a ratio of 3:4?

A.

x	y
6	8
7	9
8	10

B.

x	y
6	24
7	28
8	32

C.

x	y
6	8
7.5	9.5
9	11

D.

x	y
6	8
7.5	10
9	12

4. Sophia makes $12 an hour babysitting. Which of the following tables represents the proportional relationship between the hours spent babysitting, x, and the money she earns, y?

A.

x	y
2	12
3	24
4	36

B.

x	y
2	24
3	36
4	48

C.

x	y
12	2
24	3
36	4

D.

x	y
24	2
36	3
48	4