

Direct and Inverse Variation - Table

Determine whether each table represents a direct variation or an inverse variation or neither. Find the constant of variation (k).

1)

x	-12	60	-40	8
y	-30	6	-9	45

2)

x	-84	14	49	28
y	-48	8	28	16

3)

x	62
y	186

-5	-8	-4
-16	-10	-20

5)

x	35
y	630

24	15	12
10	16	20

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7)

x	-64	16	8	32
y	-1	4	8	2

8)

x	6	10	-17	31
y	54	90	-153	279

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Determine whether each table represents a direct variation or an inverse variation or neither. Find the constant of variation (k).

1)

x	-12	60	-40	8
y	-30	6	-9	45

2)

x	-84	14	49	28
y	-48	8	28	16

Inverse va**Direct variation, $k = \frac{4}{7}$**

3)

x	62
y	186

-5	-8	-4
-16	-10	-20

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Direct va**variation, $k = 80$**

5)

x	35
y	630

24	15	12
10	16	20

N**variation, $k = 240$**

7)

x	-64	16	8	32
y	-1	4	8	2

8)

x	6	10	-17	31
y	54	90	-153	279

Inverse variation, $k = 64$ **Direct variation, $k = 9$**