Joint variation can be modeled as follows:

ExamView

Which of the following shows the correct joint variation for the table?

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4	2	0	1	J
-1	0	1	2	80
-16	0	0	8	n

a.
$$g = 4fd$$

b. $f = 4od$

d.
$$g = 5fd$$

e. $d = 5fg$
f. $d = 4fg$

e.
$$d = 5fg$$

a. g = 4fdb. f = 4gdc. f = 5gd

e.
$$\vec{d} = 5$$

f. $\vec{d} = 4$

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Which of the following shows the correct joint variation for the table?

-2	-3	-5	-3	S
-24	-18	-60	-54	c
2	1	2	3	ų

a. c = 6syb. s = 7ycc. c = 7sy

d. y = 6sce. s = 6ycf. y = 7sc

1

ExamView

What is the value for k in the equation c = kva?

5	3	2	1	Λ
-180	-90	-72	-30	С
6	5	6	5	в



In the equation z = kxy, k = -9, x = 9, and y = -9. If y remains the same, what is the value of x when z is 324?

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In the equation z = kxy, z = -18, y = -2, and k = -9. If x remains the same, what is the value of z when y is 0?

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In the equation z = kxy, z = -168, y = 6, and k = -4. If x remains the same, what is the value of y when z is -28?

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ExamView

In the equation z = kxy, x = -2, k = 9, and z = 54. If y remains the same, what is the value of x when z is -27?

2