

A) Complete the table.

	Points	Scale Factor	Dilated Points
1)	G(-3, -4); H(-2, -1)	6	
2)		3	B'(3, 21); C'(-15, 18)
3)	V(-12, 6); W(4, -18)		V'(-6, 3); W'(2, -9)
4)	F(5, 15)		
5)			15, 21); T'(18, 24)
6)	M(1, 5); N(4, 2)		M'(1, 5); N'(4, 2)

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1) B(7, 5), C(2, 8), D(1, 3) are dilated to B'(14, 10), C'(4, 16), D'(2, 6). Find the new coordinates.

2) If T(-1, 2), U(-2, 3) are dilated to T'(-24, 8), determine the scale factor.

3) Kite KLMN is dilated to K'L'M'N' with a scale factor of $\frac{1}{4}$. What will be the coordinates of the original image?


