

A) Complete the table.

	Points	Scale Factor	Dilated Points
1)	K(0, 10) ; L(-5, -15)		K'(0, 6) ; L'(-3, -9)
2)	S(1, 6) ; T(12, 18)	$\frac{5}{3}$	
3)		$\frac{2}{7}$	Y'(-2, -4) ; Z'(-2, -6)
4)			-16, 8) ; R'(24, 32)
5)	E		
6)			-8, -6) ; D'(-2, 4)

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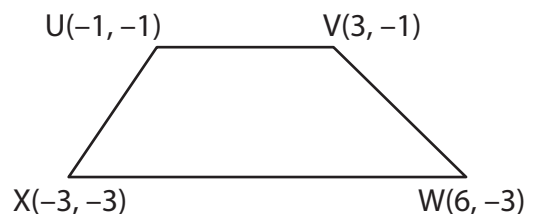
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1) E'(4, 2), F'(2, 4) and C' are the coordinates of EFG.

2) What is the scale factor of dilation if P(-4, 0), S'(-6, -2) and Q'(-2, 2) are the coordinates of PQR.

3) U'V'W'X' is a dilated image of UVWX with a scale factor of $\frac{4}{3}$. Find the new coordinates.



A) Complete the table.

	Points	Scale Factor	Dilated Points
1)	K(0, 10) ; L(-5, -15)	0.6	K'(0, 6) ; L'(-3, -9)
2)	S(1, 6) ; T(12, 18)	$\frac{5}{3}$	S'($\frac{5}{3}$, 10) ; T'(20, 30)
3)	Y(-7, -14) ; Z(-7, -21)	$\frac{2}{7}$	Y'(-2, -4) ; Z'(-2, -6)
4)			-16, 8) ; R'(24, 32)
5)	E		-2.4) ; F'(-1.8, -2.7)
6)	C		-8, -6) ; D'(-2, 4)

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1) E'(4, 2), F'(2, 4) and C
coordinates of EFG.

E(2, 1),

2) What is the scale factor
R'(-4, 0), S'(-6, -2) a

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3) U'V'W'X' is a dilated image of UVWX with a scale factor of $\frac{4}{3}$. Find the new coordinates.

U'(- $\frac{4}{3}$, - $\frac{4}{3}$), V'(4, - $\frac{4}{3}$), W'(8, -4), X'(-4, -4)

