

A) Complete the table.

	Points	Scale Factor	Dilated Points
1)		4	A'(8, 12) ; B'(0, -20)
2)	P(14, -8) ; Q(-6, -12)		P'(7, -4) ; Q'(-3, -6)
3)	X(-1, -1) ; Y(3, 3)	3.1	
4)			(-3, 0) ; N'(-1, 2)
5)	R(, -20) ; S'(-10, -15)
6)	U		

PREVIEW

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1) P(0, -7), Q(5, -4), R(10, -1) are dilated to P'(0, -28), Q'(20, -16) and R'(30, -4). Find the scale factor.

2) A(-4, 4), B(-10, 2) are dilated to A'(8, -8) and B'(-20, -4). Find the new coordinates.

3) W'X'Y'Z' is a dilated image of WXYZ with a scale factor of $\frac{1}{3}$. Find the coordinates of WXYZ.


