



Algebra Readiness through Multiple Representations – Technology Style

see more at <http://mathforum.org/workshops/nctm2007/>

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Session 719, 2007 NCTM Annual Conference

Friday, March 23, 3:30 pm - 4:30 pm

Level: 6-12

Points Lining Up in the Plane

from *Exploring Algebra 1 with Geometer's Sketchpad*, Key Curriculum Press

Galactic Exchange

from the Math Forum's ESCOT project

Runners

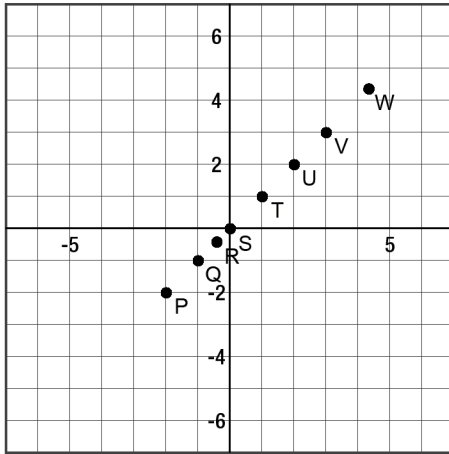
from the NCTM Standards' Electronic Examples

...and more!

Points Lining Up in the Plane (from *Exploring Algebra 1 with the Geometer's Sketchpad*, Key Press)

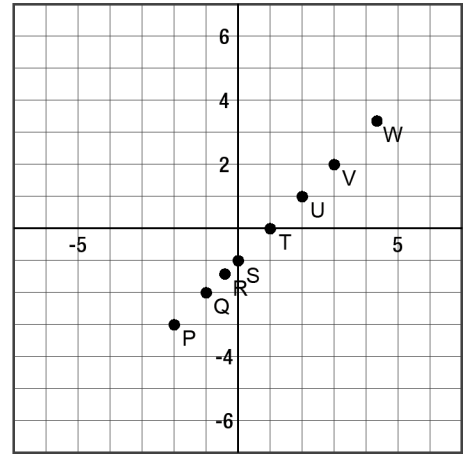
a.

P: (-2.0 , -2.0)
 Q: (-1.0 , -1.0)
 R: (-0.2 , -0.2)
 S: (0.0 , 0.0)
 T: (1.0 , 1.0)
 U: (2.0 , 2.0)
 V: (3.0 , 3.0)
 W:(5.3 , 5.3)



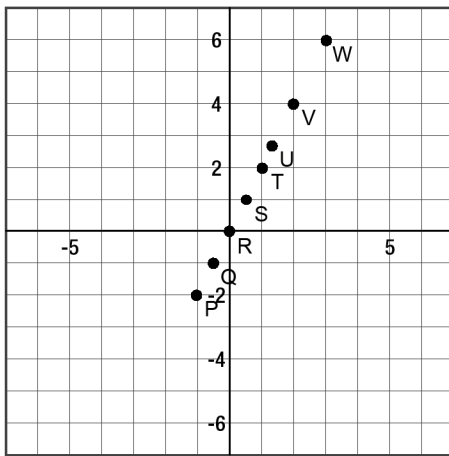
b.

P: (-2.0 , -3.0)
 Q: (-1.0 , -2.0)
 R: (-0.2 , -1.2)
 S: (0.0 , -1.0)
 T: (1.0 , 0.0)
 U: (2.0 , 1.0)
 V: (3.0 , 2.0)
 W:(5.3 , 4.3)



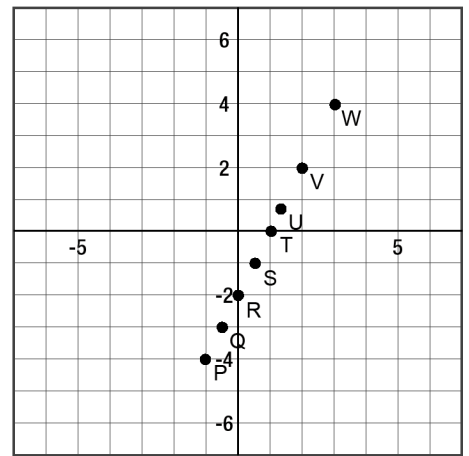
c.

P: (-1.0 , -2.0)
 Q: (-0.5 , -1.0)
 R: (0.0 , 0.0)
 S: (0.5 , 1.0)
 T: (1.0 , 2.0)
 U: (1.4 , 2.8)
 V: (2.0 , 4.0)
 W:(3.0 , 6.0)



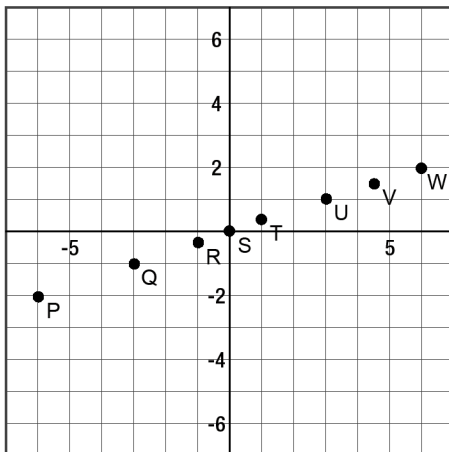
d.

P: (-1.0 , -4.0)
 Q: (-0.5 , -3.0)
 R: (0.0 , -2.0)
 S: (0.5 , -1.0)
 T: (1.0 , 0.0)
 U: (1.4 , 0.8)
 V: (2.0 , 2.0)
 W:(3.0 , 4.0)



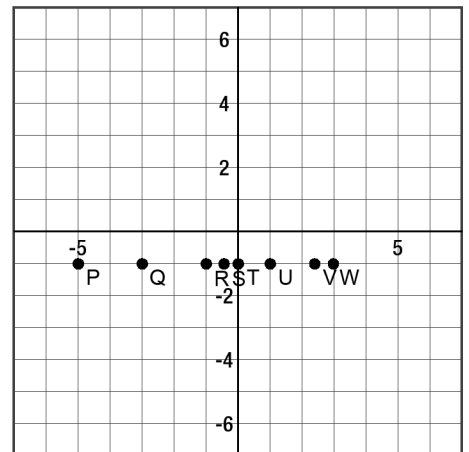
e.

P: (-6.0 , -2.0)
 Q: (-3.0 , -1.0)
 R: (-1 , -0.33)
 S: (0.0 , 0.0)
 T: (1.0 , 0.33)
 U: (3.0 , 1.0)
 V: (4.5 , 1.5)
 W:(6.0 , 2.0)



f.

P: (-5.0 , -1.0)
 Q: (-3.5 , -1.0)
 R: (1.0 , -1.0)
 S: (-0.5 , -1.0)
 T: (0.0 , -1.0)
 U: (1.0 , -1.0)
 V: (2.4 , -1.0)
 W:(3.0 , -1.0)



Runners (from the NCTM Standards Electronic Examples)



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