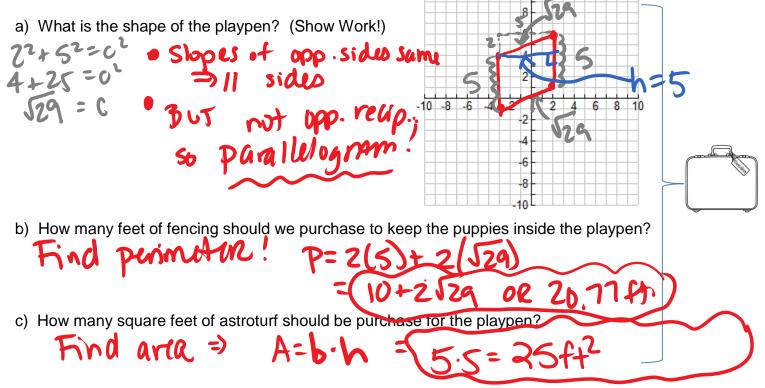


3. We are responsible for building a dog playpen and are using the grid below (in feet). The corner of the play area are P(-3, 4), L(2, 6), A(2,1) and Y(-3, -1). We will fence in the playpen and cover the entire area with astroturf.



4. The height of the rectangle is tripled. Describe the effect on the area.



5. The base and height of the triangle with vertices P(2, 5), Q(2,1) and R(7, 1) are tripled. Describe the effect on its area and perimeter.

