

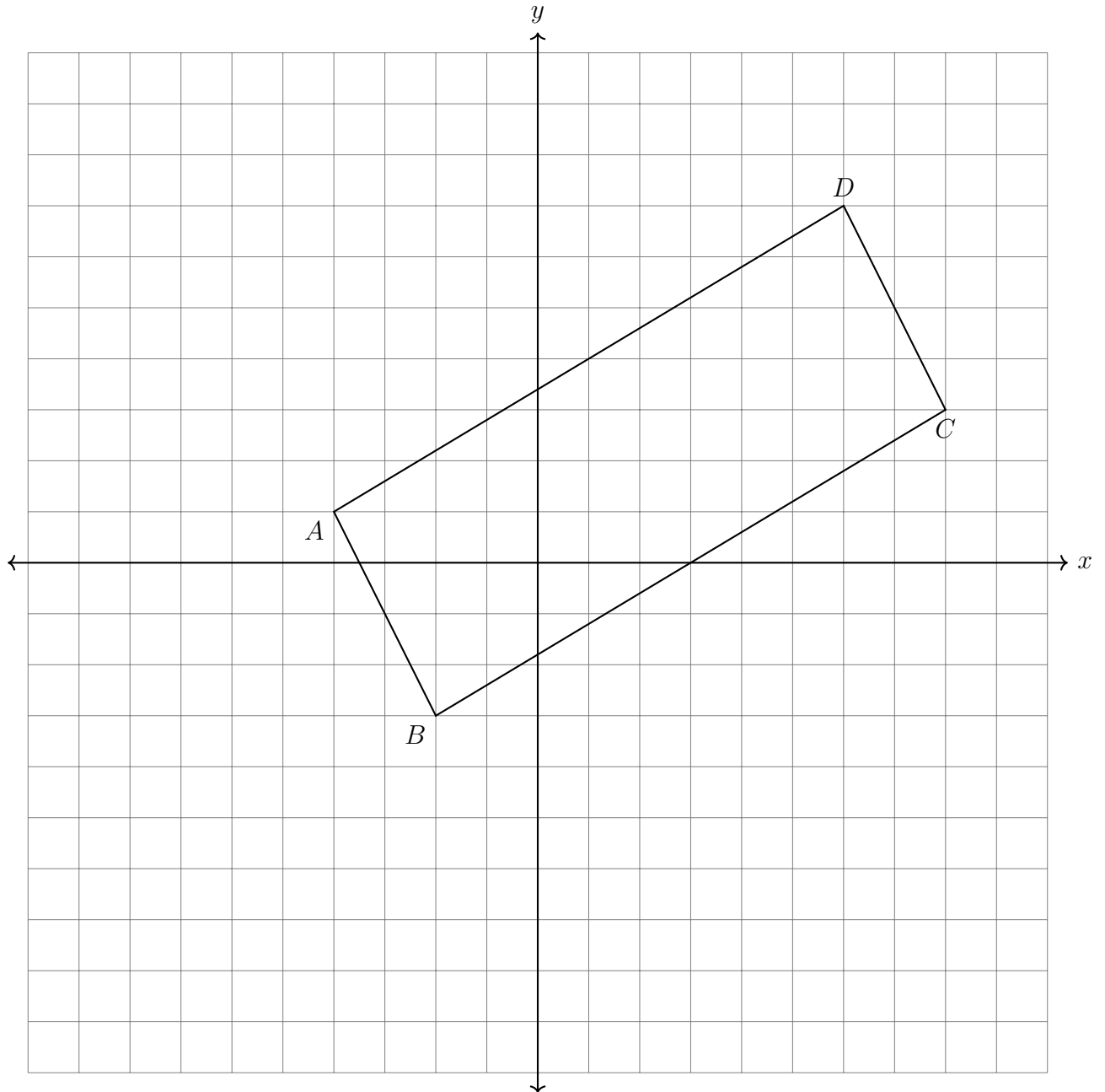
Name:

**9.5 Pop Quiz: Unit conversions, area**

**CCSS**

1. How many pounds is 48 ounces?
2. How many feet is 144 inches?
3. How many quarts of milk could be poured from a five gallon canister?
4. Convert 5 miles to feet.
5. What is the volume of a cube that is 18 inches on a side in terms of cubic feet?
6. If a gallon of paint would cover 80 square feet, how many gallons would be required to paint a wall twenty feet long by eight feet high?
7. Find the area of a triangle with a base of 4 inches and height of 6 inches.
8. What is the area of a circle with a 7 centimeter radius, to the *nearest tenth of a square centimeter*.

10. Find the area of the quadrilateral shown.



Is  $ABCD$  a rectangle? Calculate the slopes of the four sides.