49. △*DEF* has vertices *D*(−3, 4), *E*(−3, −1) and *F*(1, 2).
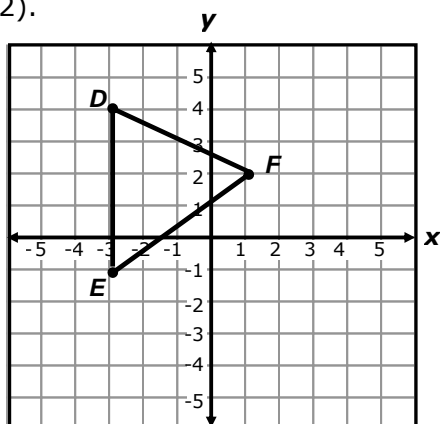
If △*DEF* is reflected across the line *y* = *x*, which of the following will be the coordinates of *E* ?

A (−1, −3)

B (3, −1)

C (−3, 1)

D (3, 1)

50. Which of the following is the inverse of the conditional given below?

If $x = 2$, then $x^2 = 4$.

F If $x \neq 2$, then $x^2 \neq 4$.

G If $x^2 = 4$, then $x = 2$.

H If $x \neq 2$, then $x^2 = 4$.

J If $x^2 \neq 4$, then $x \neq 2$.

51. A water tank at the animal shelter is a rectangular prism. When full the tank will hold 215 gallons of water. About how many liters of water does the tank hold when it is half- full?   (1 gallon ≈ 3.79 liters)

A 55 liters

B 407 liters

C 204 liters

D 457 liters

52. △*KLM* has a right angle at *L*. The measure of ∠*LMK* is 60° and *KL* = 25 units. Which is closest to the length of $\overline{KM}$?

F 14.4 units

G 28.9 units

H 12.5 units

J 21.7 units