

$$\textcircled{6} \overline{C X} \quad C = (4, 4) \quad X = (-1, 6)$$

$$m = \frac{\Delta y}{\Delta x} = \frac{4 - 6}{4 - (-1)} = \frac{-2}{5}$$

$$\therefore \perp m = \frac{5}{2}$$

$$\textcircled{A} \overbrace{(3, 4) (1, -1)}$$

$$m = \frac{\Delta y}{\Delta x} = \frac{4 - (-1)}{3 - 1} = \frac{5}{2} \checkmark$$

Truck

$$46 \cdot 180 = \frac{8,280}{14} = 591.4 \text{ gallons}$$

$$\begin{array}{r} \times 3.80 \\ \hline 2,247.43 \\ \times 7 \\ \hline \$15,732 \end{array}$$

Prius

$$\frac{8,280}{48} = 172.5 \text{ gallons}$$

$$\begin{array}{r} \times 3.80 \\ \hline \$655.50 \\ \times 7 \\ \hline \$4,588.50 \\ + 14,500 \\ \hline 19,088.50 \end{array}$$

Ford

$$46 \times 180 = \frac{8,280 \text{ miles per year}}{14}$$

$$= 591.4 \text{ gallons gas}$$

$$\times 3.80$$

$$\hline \$2,247.43$$

$$\times 7$$

$$\hline \$15,732 \text{ gas}$$

Prius

$$\frac{8,280}{48} = 172.5 \text{ gallons each year}$$

$$\times 3.80$$

$$\hline \$655.50$$

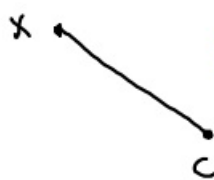
$$\times 7$$

$$\hline \$4,588.50$$

$$14,500$$

$$\hline \$19,088.50$$

⑥ \overline{CX} $C = (4,4)$ $x = (-1,6)$



$$m = \frac{\Delta y}{\Delta x} = \frac{4-6}{4-(-1)} = \frac{-2}{5}$$

$$\perp m = \frac{5}{2}$$

① $(3,4)$ $(1,-1)$

$$m = \frac{\Delta y}{\Delta x} = \frac{4-(-1)}{3-1} = \frac{5}{2}$$