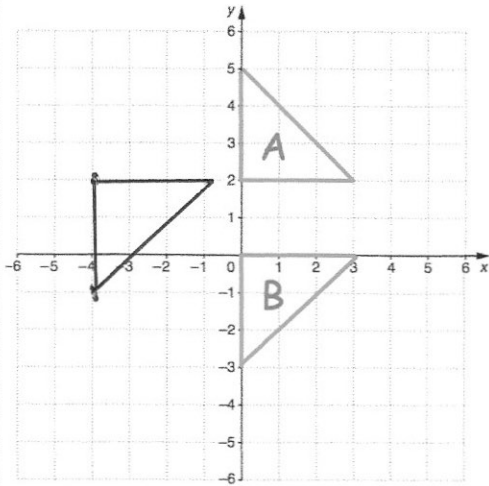




A man drives 280 miles in 5 hours.  
What is his average speed?

$$280 \div 5 = 56 \text{ mph}$$



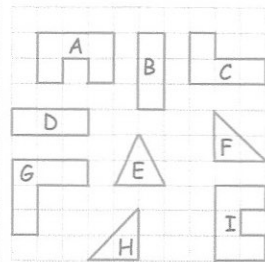
Describe the single transformation that takes triangle A to triangle B.

Reflection

mirror line  $y = 1$

Translate B by translation vector.

$$\begin{pmatrix} -4 \\ 2 \end{pmatrix}$$



Which pairs of shapes on the grid are congruent?

A & I

F & H

B & D

A new motorcycle costs £8400.

Victoria pays  $\frac{3}{5}$  of the total cost as a deposit.

She then pays the rest over 80 monthly payments.

How much is each monthly payment?

$$8400 \div 5 = 1680$$

$$1680 \times 3 = 5040$$

$$8400 - 5040 = 3360$$

$$3360 \div 80 = \pounds 42$$