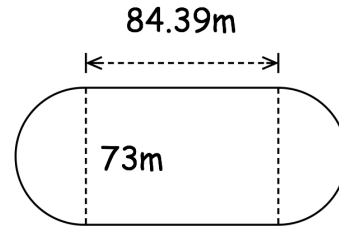




Expand and simplify

$$5(3x + 2) + 4(x + 9)$$

Find the area inside the running track.



Here are the equations of four lines.

Line 1 $2y = 8x + 6$

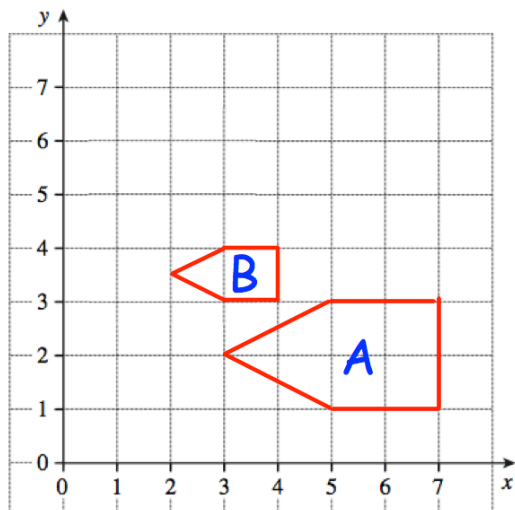
Line 2 $x + y = 6$

Line 3 $4x - y = 5$

Line 4 $4x + 2y = 1$

Two of the lines are parallel.

Which lines?



Describe fully the single transformation that maps shape A onto shape B.

Reflect B in the mirror line $x = 5$