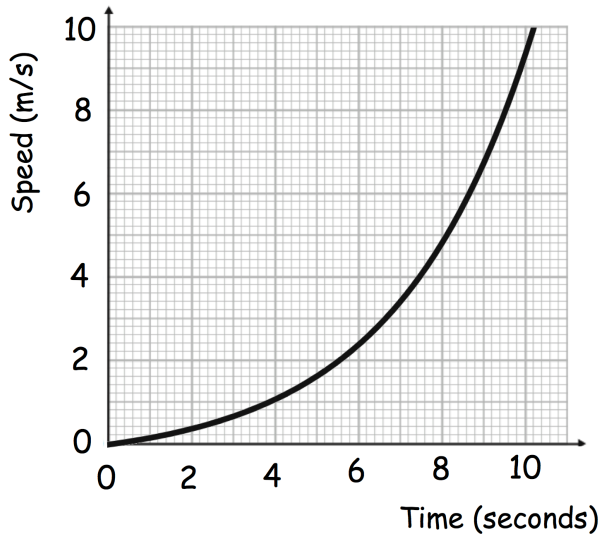




The curve with equation

$y = x^2 - 2x - 24$ is reflected in the x-axis

Write the equation of the reflected curve



Work out an estimate for the acceleration at 4 seconds.

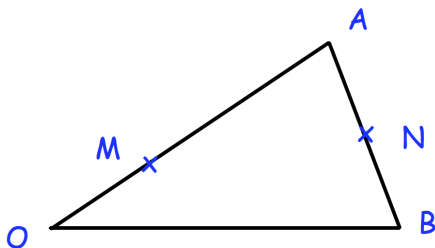
Work out an estimate for the average acceleration between 6 and 10 seconds

Given

$$f(x) = 5x - 3$$

$$g(x) = 2x + 1$$

Find $fg(-1)$



$$\vec{OA} = 4\mathbf{a} \quad \vec{OB} = 5\mathbf{b}$$

OM:MA = 1:3 and N is the midpoint of AB

Find \vec{MN}