



A is directly proportional to B squared.

When $A = 500$, $B = 10$.

Find A when $B = 20$.

A book weighs 200g to the nearest 10g.

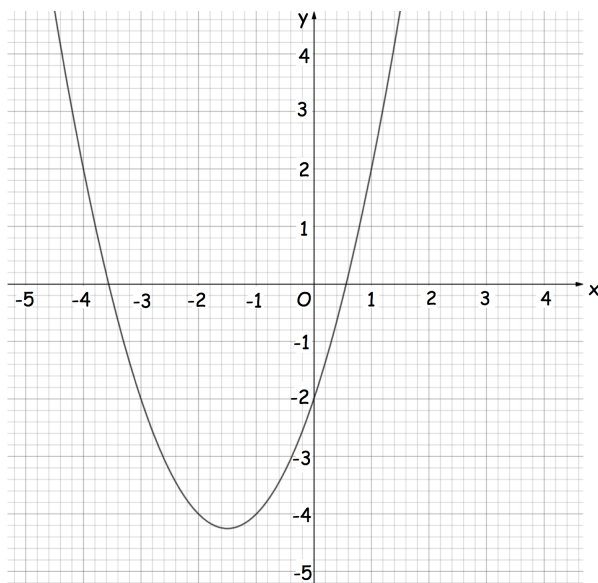
What is the upper bound of the total weight of 20 books?

Line 1 has a gradient of $\frac{1}{4}$ and passes through the point (3, 10).

What is its equation?

Write down the equation of a line perpendicular to line 1.

The graph of $y = f(x)$ is shown on the grid.



Write down an estimate for the coordinates of the turning point of the graph.

Write down the equation of the mirror line of the graph.