



Factorise

$$24x^2 + 7x - 6$$

The point A has coordinates $(-12, -7)$
and the point B has coordinates $(-8, 1)$

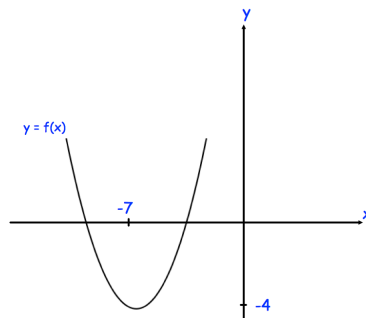
Find the equation of the line parallel to
AB and passing through $(2, 5)$

Make x the subject of

$$\frac{5}{w} = \frac{a}{x} - \frac{8}{y}$$

$y = f(x)$ has a minimum point at $(-7, -4)$

The graph of $y = f(x) + a$ has a minimum
point at $(-7, 0)$, where a is a constant.

Write down the value of a .

Angle SRT is 53° , to the nearest degree.
ST is 17cm to the nearest centimetre.

Work out the upper bound for the length
of RS.

