## Question 1

Solve:
$3 x^{2}+30 x-56=5 x-6$

Question 2

Show that QRS is a straight line.


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Solve:
$3 x^{2}+30 x-56=5 x-6$

Rearranging, we get: $3 x^{2}+25 x-50=0$
Factorising, we see $(x+10)(3 x-5)=0$
So $x=-10, x=\frac{5}{3}$

Question 2
Show that QRS is a straight line.


