Starter 9 FEB 2017

Multiply and move all terms to the left.

$(2x-5)^2 = 36$

4, 9, 16, 25, 36, 49 – perfect sq.

$(2x-5)(2x-5) = 36$

$4x^2 - 10x - 10x + 25 = 36$

$4x^2 - 20x + 25 = 36$

$-36 \quad -36$

$4x^2 - 20x - 11 = 0$

Factor and Solve.

1) $4x^2 + 20x - 11 = 0$

2) $9x^2 - 42x + 13 = 0$