

① Löse die Gleichungen in $\mathbb{Q}$!

$$(5x - 1)^2 + (12x + 2)^2 = (13x - 3)^2$$

[illegible]

②

$$13x^2 + (6x - 5)^2 - (7x - 2)^2 = 0$$

[illegible]

③

$$-11(x^2 - 2) + (6x + 1)(6x - 1) = (5x + 3)^2$$

[illegible]

④

$$(3x - 7)^2 - (x - 7)^2 - (x - 2)(8x + 4) = 0$$

[illegible]

