FACTORISING QUADRATIC EQUATIONS

$2x^2 + 5x + 2 = 0$

x = _____ , _____

$5x^2 + 19x - 4 = 0$

x = _____ , _____

$2x^2 - 11x + 15 = 0$

x = _____ , _____

$4x^2 + 4x - 63 = 0$

x = _____ , _____

Victor is y years old. His brother Fred is four years old than victor. The product of their ages is 780. Set up an equation and solve to find out victor's age.

_____ years

A rectangular field is 30m longer than wide. The area of the field is 8800 sq m. Work out the perimeter of the field.

Perimeter = _____ m

Solve :

$11x^2 - 62x - 105 = 0$

x = _____ , _____

Solve :

$2x^2 - 30x - 500 = 0$

x = _____ , _____

GET READY FOR THE CHALLENGE :

$5x^2 = 26x - 5$

x = _____ , _____

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

x = _____ , _____

$4x^2 = -4x - 1$

x = _____ , _____

$2x^2 = 9(x+2)$

x = _____ , _____

$(2x+5)(x-2) + 7 = 0$

x = _____ , _____

$(4x+3)(x+3) = 13$

x = _____ , _____

$\frac{25}{m+3} = m+3$

m = _____ , _____

$\frac{21}{x} = x + 4$

x = _____ , _____

$20x^2 - 5 = 15x$

x = _____ , _____

$2 = 7x - 4x^2$

x = _____ , _____