

COMPITI DI MATEMATICA VACANZE DI NATALE

RISOLVI LE SEGUENTI EQUAZIONI DI PRIMO GRADO:

$$x - 3(x + 1) = 5x - 4(x - 1)$$

$$3x - 5 + 2(x - 3) = 1 + 5x$$

$$(1 - 3x)(1 + 3x) - 2(x - 5) = 3 - 9x^2$$

$$(x - 2)^2 = (x - 1)^2 + 5$$

$$3(2x + 1) = 3 + 6x$$

$$\frac{x + 1}{3} = 2x - 3$$

$$\frac{2x + 5}{3} - \frac{x + 10}{6} = 0$$

$$\frac{x - 4}{2} - \frac{x - 3}{4} = 1 + \frac{x - 2}{8}$$

$$\frac{4x+1}{6} + \frac{1}{3} = \frac{2x-1}{3}$$

$$\frac{3}{x-2} = 0$$

$$\frac{3x-16}{x} = \frac{5}{3}$$

$$\frac{2}{x+1} = \frac{3}{x-1}$$

$$\frac{1}{x-3} = -\frac{2}{x+5}$$

$$\frac{x+\frac{1}{2}}{x} - \frac{x-\frac{1}{2}}{x} = 1$$

$$\frac{5x}{2x+3} = 1 + \frac{3x}{2x-3}$$