

Werkkaart 2015-10 AE-00006(2)

(1) Los op vir x :

(a)
$$\frac{x + 2}{4} - \frac{x - 6}{3} = 0,5$$

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

(c)
$$\frac{-7}{x - 5} - \frac{2}{x + 5} = \frac{2}{x^2 - 25}$$

(g)
$$\frac{x^2 + 3}{x + 3} = 2x - 1$$

(h)
$$\frac{4}{3x} = \frac{-2}{x - 2}$$

(i)
$$4x + p = 6x - t$$

(j) $2 < 2 - 3x \leq 3$

(k) $\frac{2}{2x^2 - x - 3} + \frac{1}{x^2 - 1} - \frac{4}{2x^2 - 3x} = 0$

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

(2) Los die volgende vergelykings gelyktydig op:

(a) $3m - 1 = n$ en $n + 2m = 4$

(b) $3x - 2y = 4$ en $9x = 12y$
