

Vergelykings

Werkkaart 1

Vraag 1: Los op vir x :

1.1 $2(x + 1) - 3x = 5(4 - x)$ (3)

1.2 $(x - 2)(x + 3) - 3 = -2x + (x - 1)^2$ (5)

1.3 $\frac{x+2}{4} - \frac{x-6}{3} = \frac{1}{2}$ (4)

1.4 $\frac{5}{4} + \frac{2}{3a} = 4 - \frac{a-3}{12a}$ (4)

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Vraag 2: Los op vir x :

2.1 $(x - 3)(x + 1) = 0$ (2)

2.2 $x^2 - 8x = -15$ (4)

2.3 $(x - 7)(x + 2) = 10$ (5)

2.4 $x^3 - x = 0$ (4)

2.5 $\frac{2x+1}{x+1} - \frac{x+2}{x} = 1$ (6)

2.6 $7x = 49x^2$ (3)

[24]

Totaal: [40]