Z07575

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(iii) $\frac{3}{(2x+1)} = \frac{4}{(x-1)}$ ×

[redacted]

$8x + 4 = 3x - 3$

$8x - 3x = 4 - 3$

$5x = -7$ $\quad \frac{-7}{5} = 1.4$

$x = 1.4$

(iv) $(x+2)^2 = (x+3)(x+5)$

~~$(x+3)(x+5)$~~

$0 + 0 + (x+3)(x+5) = (x+2)^2$

$(x+3)(x+5) = (x+2)^2$

$x^2 + 8x + 15 = (x+2)^2$

$x = 2.75$