

(2)

Exam

2)

i $7x - 1 = 5x + 4$

$$7x - 5x = 1 + 4$$

$$2x = 5$$

$$x = \frac{5}{2}$$

$$x = 2.5$$

ii

~~$$10(3x + 2) = 7(-2x - 1)$$~~

~~$$10 \times 3x = 7 \times -2x$$~~

~~$$30x = -14x$$~~

~~$$x = 29$$~~

~~$$30 + 2 = 32$$~~

~~$$-14 - 1 = -15$$~~

~~$$10(3x + 2) = 7(-2x - 1)$$~~

~~$$30 + 20 = 50 \quad -14 - 7 = -21$$~~

~~$$x = 29$$~~

$$10(3x + 2) = 7(-2x - 1)$$

$$10 \times 3x + 10 \times 2 = 7 \cdot 2x - 7$$

$$30x + 20 = 14x - 7$$

$$50x = 7$$

$$\frac{50}{7} = 7.14$$

iii