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1.

[2 marks]

Solve  $3x + 4 = 17$

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2.

[2 marks]

Solve  $7 - 4x = 10$

Show clear algebraic working.

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3.

[2 marks]

Solve  $13 - 2x = 6$



4.

[2 marks]

Solve  $5(x + 3) = 30$

5.

[3 marks]

Solve  $4(x - 1) = 18$

Show clear algebraic working.

6.

[3 marks]

Solve  $6(3y + 5) = 39$



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7.

[3 marks]

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Solve  $6y - 9 = 3y + 7$

Show clear algebraic working.

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8.

[3 marks]

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Solve  $6x + 13 = 2x + 7$

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9.

[3 marks]

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Solve  $3m + 5 = 7m + 3$



**10.****[3 marks]**

Solve  $2x - 1 = 5x - 3$

Show clear algebraic working.

**11.****[3 marks]**

Solve  $7x - 2 = 1 - 3x$

**12.****[3 marks]**

Solve  $3x + 16 = 1 - 2x$



**13.****[3 marks]**

Solve  $4(x-3) = 7x-10$

Show clear algebraic working.

**14.****[3 marks]**

Solve  $8p-18 = 3(p+3)$

**15.****[3 marks]**

Solve  $5(x+2) = 3(x-4)$



**16.****[3 marks]**

Solve  $3(2x + 5) = 4 - x$

Show clear algebraic working.

**17.****[3 marks]**

Solve  $4(5y - 1) = 3(6y + 7)$

**18.****[2 marks]**

Solve  $\frac{x}{5} - 2 = 4$



**19.****[2 marks]**

Solve  $\frac{x+5}{2} = 7$

**20.****[3 marks]**

Solve  $\frac{5x+4}{2} = 3$

Show clear algebraic working.

**21.****[3 marks]**

Solve  $\frac{10-5x}{3} = 2$



22.

[3 marks]

Solve  $\frac{12-x}{3} = 7$

23.

[3 marks]

Solve  $x = \frac{7-2x}{3}$

24.

[3 marks]

Solve  $\frac{7-2y}{4} = 2y+3$

Show clear algebraic working.

