

1

(c) Solve $y = \frac{2y + 1}{5}$

Show clear algebraic working.

$y = \dots\dots\dots$
(3)

(Total for Question 1 is 7 marks)



P 5 9 0 1 7 A 0 3 2 8

- 2 Solve $3(2 - 4x) = 5 - 8x$
Show clear algebraic working.

$x = \dots\dots\dots$

(Total for Question 2 is 3 marks)

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3

- (c) Solve $5(x + 3) = 3x - 4$
Show clear algebraic working.

$x =$
(3)



P 5 4 6 9 4 A 0 5 2 4

3

(c) Solve $\frac{5x - 3}{4} = 2x + 3$

Show clear algebraic working.

$$x = \dots\dots\dots$$

(3)

(Total for Question 3 is 6 marks)



3

(b) Solve $6x - 5 = \frac{4x - 7}{2}$

Show clear algebraic working.

$$x = \dots\dots\dots (3)$$

(Total for Question 3 is 5 marks)

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3

(c) Solve $\frac{2x+5}{3} = 4 - x$

Show clear algebraic working.

$$x = \dots\dots\dots$$

(3)

(Total for Question 3 is 6 marks)



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4 Solve $4x - 13 = 17 + 8x$

$x = \dots\dots\dots$

(Total for Question 4 is 2 marks)



P 6 0 2 6 0 A 0 5 2 4

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

Show clear algebraic working.

$x = \dots\dots\dots$
(3)

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4

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(d) Solve $\frac{7x - 2}{4} = 3x + 1$

Show clear algebraic working.

$x =$

(3)

(Total for Question 4 is 9 marks)



P 5 9 0 1 4 A 0 5 2 4

5 (a)

.....

(2)

(b) Solve $2x - 3 = \frac{3x - 5}{4}$

Show clear algebraic working.

$x =$

(3)

(Total for Question 5 is 5 marks)



5

(b) Solve $4 - 3x = \frac{5 - 8x}{4}$

Show clear algebraic working.

$x = \dots\dots\dots$
(3)

(Total for Question 5 is 5 marks)



6 (a) Solve $\frac{2f}{3} = 4f - 17$

Show clear algebraic working.

$f = \dots\dots\dots$
(3)

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6

(b) Solve $3n - 4 = \frac{5n + 6}{3}$

Show clear algebraic working.

$$n = \dots\dots\dots (3)$$

(Total for Question 6 is 5 marks)



6 (a) Solve $p = \frac{3p - 5}{10}$

Show clear algebraic working.

$p = \dots\dots\dots$
(3)

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7

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(d) Solve $3(2x - 5) = \frac{9 - x}{2}$

Show clear algebraic working.

$x = \dots\dots\dots$
(4)

(Total for Question 7 is 9 marks)

8



P 5 9 7 5 6 A 0 8 2 8

- 7 (a) Solve $5(4 - x) = 7 - 3x$
Show clear algebraic working.

$x =$
(3)

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10

(b) Solve $\frac{8-2x}{3} - \frac{2x-3}{2} = 4$

Show clear algebraic working.

$x = \dots\dots\dots$
(3)



11

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(c) Solve $\frac{4x - 2}{3} - \frac{5 - 3x}{4} = 6$

Show clear algebraic working.

$$x = \dots\dots\dots (4)$$

(Total for Question 11 is 8 marks)



12

(b) Solve $\frac{4m+9}{3} = 7 - 2m$

Show clear algebraic working.

$m = \dots\dots\dots$
(4)



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14 (a) Solve $\frac{9a-7}{5} - \frac{3a-7}{4} = 4.55$

Show clear algebraic working.

$a = \dots\dots\dots$
(3)



15

(c) Solve $\frac{1-2y}{3} = \frac{4}{5} - \frac{2y-1}{2}$

Show clear algebraic working.

$y = \dots\dots\dots$
(3)

(Total for Question 15 is 7 marks)



19 (a) Solve $\frac{4-3x}{5} - \frac{3x-5}{2} = -3$

Show clear algebraic working.

$x = \dots\dots\dots$
(3)

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