Equations with Fractions

SCAN ME

REVISE THIS TOPIC

1 Solve $\frac{2x}{3} = 4$

$2x = 12$

$x =$ 6

(Total for Question 1 is 2 marks)

2 Solve $\frac{5y}{4} = 10$

$5y = 40$

$y =$ 8

(Total for Question 2 is 2 marks)

3 Solve $\frac{3w}{2} = 12$

$3w = 24$

$w =$ 8

(Total for Question 3 is 2 marks)

4 Solve $\frac{a}{2} + 1 = 7$

$\frac{a}{2} = 6$

$a =$ 12

(Total for Question 4 is 2 marks)

5 Solve $\frac{b+1}{2} = 7$

$b + 1 = 14$

$b =$ 13

(Total for Question 5 is 2 marks)

6 Solve $\frac{p}{3} - 3 = 2$

$\frac{p}{3} = 5$

$p =$ 15

(Total for Question 6 is 2 marks)

7 Solve $\frac{q-2}{9} = 3$

$q - 2 = 27$

$q =$ 29

(Total for Question 7 is 2 marks)

8 Solve $\frac{r}{3} + 6 = 2$

$\frac{r}{3} = -4$

$r =$ −12

(Total for Question 8 is 2 marks)

9 Solve $\frac{c + 10}{2} = 6$

$c + 10 = 12$

$c =$ 2

(Total for Question 9 is 2 marks)

10 Solve $5 + \frac{d}{3} = 12$

$\frac{d}{3} = 7$

$d =$ 21

(Total for Question 10 is 2 marks)

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

$2x - 3 = 15$

$2x = 18$

$x =$ 9

(Total for Question 11 is 3 marks)

12 Solve $\frac{4y}{5} + 10 = 16$

$\frac{4y}{5} = 6$

$4y = 30$

$y =$ 7.5

(Total for Question 12 is 3 marks)

13 Solve $\frac{2w-3}{4} = 5$

$2w - 3 = 20$

$2w = 23$

$w =$ 11.5

(Total for Question 13 is 3 marks)

14 Solve $\frac{4(n-3)}{3} = 8$

$4n - 12 = 24$

$4n = 36$

$n =$ 9

(Total for Question 14 is 3 marks)