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Work sheet

Maths - 8th

Q (1): Solve:

$-x = \frac{-6}{5}(x - 10)$ (MCQ)

(a) 60

(b) -5

(c) $-\frac{7}{5}$

(d) $4\frac{4}{5}$

Q (2): Solve:

$3m = 7m - \frac{8}{7}$ (MCQ)

(a) $6\frac{1}{2}$

(b) 1

(c) -1

(d) $\frac{2}{7}$

Q (3): Solve:

$5x + \frac{7}{2} = \frac{3x}{2} - 14$ (MCQ)

(a) 60

(b) -5

(c) $-\frac{7}{5}$

(d) $4\frac{4}{5}$

Q (4): Solve: 8x = 20 + 3x (MCQ)

(a) x = 2

(b) x = 3

(c) x = 4

(d) x = 5

Q (5): Solve:

$x + \frac{2x}{3} + \frac{x}{7} = 97 - \frac{x}{2}$ (MCQ)

(a) 5

(b) 18

(c) 27

(d) 42

Q (6): Solve:

$\frac{1}{4}$ x +

$\frac{1}{6}$ x = x - 7 (MCQ)

(a) x = 3

(b) x = 6

(c) x = 9

(d) x = 12

Q (7): Solve for x : 8x + 3 = 27 + 2x. (MCQ)

(a) 1

(b) 2

(c) 3

(d) 4

Q (8): Solve for x : 5x + 7 = 2x - 8. (MCQ)

(a) -5   (b) -6
(c) -3   (d) -4

Q (9): Solve for z : $2z - 1 = 14 - z$. (MCQ)

(a) 3   (b) 5
(c) 4   (d) 6

Q (10): Solve for x : $9x + 5 = 4(x - 2) + 8$. (MCQ)

(a) -1   (b) -2
(c) -3   (d) -4

Q (11): Solve for x : $3(5x - 7) - 2(9x - 11) = 4(8x - 13) - 17$. (MCQ)

(a) 1   (b) 2
(c) 3   (d) 4

Q (12): If $5x + \dfrac{7}{2} = \dfrac{3}{2}x - 14$, then x = ? (MCQ)

(a) 5   (b) -5
(c) 6   (d) -6

Q (13): If $3m = 5m - \dfrac{8}{5}$, then m = ? (MCQ)

(a) $\dfrac{2}{5}$ (b) $\dfrac{3}{5}$
(c) $\dfrac{4}{5}$ (d) $\dfrac{1}{5}$

Q (14): If $3(t - 3) = 5(2t + 1)$, then t = ? (MCQ)

(a) -2   (b) 2
(c) -3   (d) 3

Q (15): $\dfrac{x}{2} - \dfrac{1}{5} = \dfrac{x}{3} + \dfrac{1}{4}$. Solve the equation and find the value of x. (MCQ)

(a) $\dfrac{25}{10}$ (b) $\dfrac{29}{10}$
(c) $\dfrac{27}{10}$ (d) $\dfrac{26}{9}$