

1. Solve: $15 = -\frac{1}{2}(-12x + 2)$

- [A]
- $\frac{3}{8}$
- [B]
- $\frac{8}{3}$
- [C]
- $\frac{7}{3}$
- [D]
- $\frac{3}{7}$

4. $\frac{6}{5}y - 4 = 8$

- [A]
- $14\frac{2}{5}$
- [B] 8 [C]
- $3\frac{1}{3}$
- [D] 10

2. Solve for x: $\frac{x-8}{7} = \frac{7}{10}$

- [A]
- $-\frac{31}{10}$
- [B]
- $\frac{129}{10}$
- [C]
- $\frac{10}{129}$
- [D] 129

5. $\frac{x}{2} + \frac{x}{6} = 2$

6. $-\frac{1}{4}(-16x - 8) = 18$

Solve:

3. $\frac{5}{8}y - 8 = 2$

- [A] 15 [B]
- $6\frac{1}{4}$
- [C] 16 [D]
- $-9\frac{3}{5}$

7. $0 = \frac{8}{12}y - 40$

Solve:

8. $-\frac{1}{3}(-9x - 3) = 17$

9. $0 = \frac{6}{17}y - 36$

10. $\frac{1}{6}(36x + 12) = 10$

11. $\frac{x}{2} + \frac{x}{8} = 8$

12. $-\frac{1}{5}(-25x + 15) = 20$

13. Use a calculator to solve the equation
 $5.7t + 6.8t = 15.9$.

14. Write the equation $3.6 = 2.47 + \frac{m}{4}$ in
calculator-ready form and solve.

15. Solve this equation using a graphing
calculator. Round your answer to the nearest
tenth.
 $5.5x + 0.3(4 - x) = 7.2x - 3$

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[1] B

[2] B

[3] C

[4] D

[5] 3

[6] 4

[7] 60

[8] $\frac{16}{3}$

[9] 102

[10] $\frac{4}{3}$

[11] $\frac{64}{5}$

[12] $\frac{23}{5}$

[13] 1.272

[14] $m = (3.6 - 2.47) * 4; m = 4.52$

[15] 2.1