

Variables in Denominator - BASIC

Simple Linear Equations (A)

Solve for each variable.

1. $\frac{-48}{u} = 8$

6. $\frac{42}{b} = 6$

11. $\frac{30}{y} = 3$

2. $\frac{4}{a} = 2$

7. $\frac{-9}{y} = 9$

12. $\frac{-40}{u} = 4$

3. $\frac{16}{b} = 4$

8. $\frac{-48}{c} = 6$

13. $\frac{-42}{v} = 7$

4. $\frac{16}{a} = -2$

9. $\frac{-35}{x} = 5$

14. $\frac{-48}{v} = 6$

5. $\frac{-20}{b} = -2$

10. $\frac{24}{b} = 8$

15. $\frac{-6}{y} = 3$

ANSWERS

- 1) $u = -6$ 4) $a = -8$ 6) $b = 7$ 8) $c = -8$ 10) $b = 3$ 12) $u = -10$ 14) $v = -8$
2) $a = 2$ 5) $b = 10$ 7) $y = -1$ 9) $x = -7$ 11) $y = 10$ 13) $v = -6$ 15) $y = -2$
3) $b = 4$

Solve for the Variables

~~1. $\frac{x}{5} + 2 = 2$~~

2. $\frac{11+2}{y+5} = 1$

3. $\frac{8}{x} = 1$

4. $\frac{1+x}{x+11} = 0$

5. $\frac{9+y}{y+4} = 2$

6. $\frac{9+8}{x+1} = 2$

7. $12 + \frac{2}{x} + 5^2 = 38$

~~8. $\frac{y}{11} = 1$~~

~~9. $6 + \frac{x}{4} = 8$~~

~~10. $9 + \frac{x}{2} = 11$~~

ANSWERS: