

Homework #14

Solve:

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

2. $\frac{5}{x} = 7$

3. $\frac{3x+2}{4} = x+3$

4. $x+4 = \frac{x+2}{3}$

5. $\frac{3x}{4} = \frac{5x+2}{3}$

6. $\frac{x}{4} + 7 = 2x + 5$

7. $\frac{5x+2}{2} > x-3$

8. $\frac{x}{3} + \frac{5}{6} = 2$

Make x the subject

9. $\frac{9y}{x} = 2$

10. $y = 2x + 3$

11. $y = x^2 - 4$

12. $\frac{2y}{5} = \frac{5x+2}{3}$

13. $y = 7x + 2$

14. $4y + 3x = 5$

15. $y = \sqrt{x+5}$

16. $y = (x+2)^2$

Solve:

17. $\frac{-k}{7} = 5$

18. $\frac{-2}{x} = 5$

19. $2x - 5 = \frac{x+2}{5}$

20. $\frac{2x+2}{3} = 4x+3$

21. $\frac{x}{3} > \frac{2x+4}{7}$

22. $\frac{2x}{5} + 7 = x - 5$

23. $\frac{4x+3}{6} > x-2$

24. $\frac{x}{10} + \frac{7}{5} = 1$