

Problems

Solve each equation.

1. $\frac{3x+1}{2} = 5$

2. $4(x-1)+3=15$

3. $\sqrt{2x+5}=10$

4. $10(x+7)=5$

5. $3(2x-7)=-21$

6. $6+1-\frac{1}{2} = 10$

7. $\sqrt{x}-3=7$

8. $(x+1)^2=81$

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

10. $|x-2|=5$

11. $2\sqrt{x-3}=6$

12. $1(x+7)+10=16$

13. $2x+1=2$

14. $\frac{y+7}{3} = 10$

15. $\frac{m}{3} - \frac{2m}{5} = 5$

16. $x-\frac{1}{2} = 4$

17. $\frac{3y-1}{3} = 10$

18. $2(3x-1)+7=13$

19. $(y-1)^2=9$

20. $25-(3x)=10$