

Problems 10.2.1/10.2.2/10.2.3 Review WORKSHEET

Solve each equation. Find all.

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. $8+\left(\frac{y}{2}\right)=10$

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

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

9. $\frac{x}{2}-\frac{x}{5}=3$

10. $|x-2|=5$

11. $2\sqrt{x-3}=8$

12. $4(x-1)=16$

13. $|2x+1|=9$

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

15. $\frac{m}{3}-\frac{2m}{5}=\frac{1}{5}$

16. $x^2+5=4$

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

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

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

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