

ALGEBRA 1 PRACTICE EXAM

Show all work on a separate paper!

For #1-14, solve for x .

1. $-27 = x + 14$

2. $32 = \frac{x}{3} - 4$

3. $4x + 24 + 7x = -54$

4. $-2(x - 6) + 9x = 2x + 9$

5. $\frac{x}{2} - \frac{1}{2} = \frac{1}{2}$

6. $2x + 5y = 0$

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

8. $7 < 18 + x$

9. $-4x + 2 \geq 22$

10. $12 + 8x \geq -3(x + 27)$

11. $-10 < 4x + 2 < 26$

12. $2x + 7 < -3$ OR $-2x + 9 < -13$

13. $|x - 5| \leq 11$

Algebra 1 Semester Practice Exam Answers

Wenbin Ji



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