

No Calculator

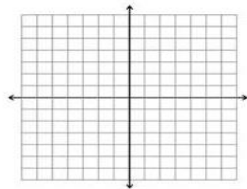
Find videos on each [skill] at www.AlgebraNinja.com Name: _____ Hour: _____

Basic 20 ACT Prep Version 4

1. Solve $2x = 7$ [76]

2. Graph the equation $y = 2x + 4$

[196]



3. Write and solve an equation for the sentence: Two less than three times a number is equivalent to 14. [219]

4. Find the slope given points $(-7, 2)$ & $(1, 3)$

[191]

5. Simplify $\frac{9}{2} \cdot \frac{5}{3}$ [42]

6. Distribute $-9(x - 2)$ [8]

7. Simplify (PEMDAS) $2 + 3(1 + 1)^2 - 5$

[212]

8. Simplify $-9 + 2$ [5]

9. Solve $\frac{1}{9}a = 10$ [78]

10. Find the area of a triangle that has a base = 8 and height = 10 [147]

11. If $f(x) = 1x - 1$, evaluate at $x = -1$ [110]

12. Simplify $4m^2mym^3m^3y$ [206]

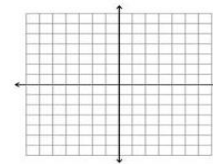
13. Use Prime factorization to factor 24

[252]

14. Simplify $\frac{\frac{1}{2}}{\frac{5}{6}}$ [50]

15. Graph the points $(-4, 5)$ & $(4, 5)$

[251]



16. Find 3 points on $f(x) = 9x - 2$ [185]

X	Y

17. Solve $x + 7x - 8 = 8$ [253]

18. Graph on a number line: "x is less than or equal to -5." [224]

19. Simplify $\frac{3}{4} + \frac{1}{2}$ [39]

20. simplify $-8 - |-5|$ [21]