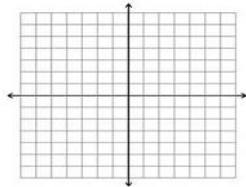


**Basic 20 ACT Prep Version 2**

1. Solve  $4x = 7$  [76]

2. Graph the equation  $y = 2x + 2$  [196]



3. Write and solve an equation for the sentence: Three more than two times a number is equivalent to ten. [219]

4. Find the slope given points  $(-4,3)$  &  $(6,1)$  [191]

5. Simplify  $\frac{7}{3} \cdot \frac{6}{5}$  [42]

6. Distribute  $-5(x - 2)$  [8]

7. Simplify (PEMDAS)  $2(2 + 1)^2 + 4$  [212]

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

9. Solve  $\frac{3}{7}a = 4$  [78]

10. Find the area of a triangle that has a base = 8 and height = 2 [147]

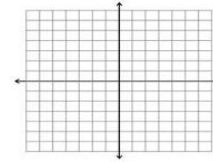
11. If  $f(x) = 7x - 2$ , evaluate at  $x = -1$  [110]

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

13. Use Prime factorization to factor 30 [252]

14. Simplify  $\frac{\frac{3}{2}}{\frac{5}{7}}$  [50]

15. Graph the points  $(-2,1)$  &  $(6,5)$  [251]



16. Find 3 points on  $f(x) = 4x - 3$  [185]

X	Y

17. Solve  $x + 3x + 4 = 8$  [253]

18. Graph on a number line: "x is greater than or equal to -3." [224]

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

20. simplify  $-9 - |-1|$  [21]