

TMT Top 20 ACT Prep V2

1. Write an equation using (-2,6) & (-1,5)
[210]

2. Solve $9x^2 + 3x - 6 = 0$ [85]

3. Simplify $(3a^3b^4)^2 \cdot 9(a^2b^6)$ [206]

4. Simplify $1\frac{1}{4} + \frac{1}{3}$ [272]

5. Find 3 points on $f(x) = -x^2 + 2x + 4$
[271]

X	Y

6. Simplify $\frac{2}{5} \cdot \frac{4}{6}$ [42]

7. Solve $E = mc^2$ for m [205]

8. Simplify $\frac{5x^3y}{15x^2}$ [74]

9. Simplify (PEMDAS) $2(x + 3)^2 + 8$ [212]

10. Simplify $\frac{-8 \pm \sqrt{8}}{2}$ [214]

11. Solve $(x - 4)^2 = 10$ [208]

12. Simplify $\frac{\frac{1}{4}}{\frac{2}{7}}$ [50]

13. Clear fractions, solve $\frac{3}{5}a + 2 = \frac{1}{3}$ [207]

14. Find the midpoint given (-2,5) & (2,7)
[218]

15. Simplify $\frac{x^2+2x-24}{x^2-36}$ [209]

16. Given $f(x) = 4x^2 + 6x - 7$, find $f(-1)$
[231]

17. Multiply $(x^2 + 2x - 3)(x + 8)$ [213]

18. Simplify $(3x + 8m)^2$ [211]

19. Find the distance between (0,-4) & (5,-8)
[217]

20. Solve. Show 3+ steps of work [89]
 $4(2x + 9) - (x - 1) = 10x + 1$