

Math Practice Problems

Algebra Problems

1. Solve for x: $5x + 3 = 23$
2. Simplify: $(2x + 3)(x - 4)$
3. Solve: $x^2 - 5x + 6 = 0$
4. Find x: $3x/2 = 9$
5. Solve: $2x + 3y = 12$, $x - y = 1$

Geometry Problems

6. Find the area of a rectangle: length = 8, width = 5
7. Calculate the perimeter of a square with side = 6
8. Find the area of a circle with radius = 4 (use $\pi \approx 3.14$)
9. Calculate the volume of a cube with side = 3
10. Find the area of a triangle: base = 10, height = 6

Answer Key

- 1) $x = 4$, 2) $2x^2 - 5x - 12$, 3) $x = 2$ or 3 , 4) $x = 6$, 5) $x = 3$, $y = 2$
6) 40, 7) 24, 8) 50.24, 9) 27, 10) 30