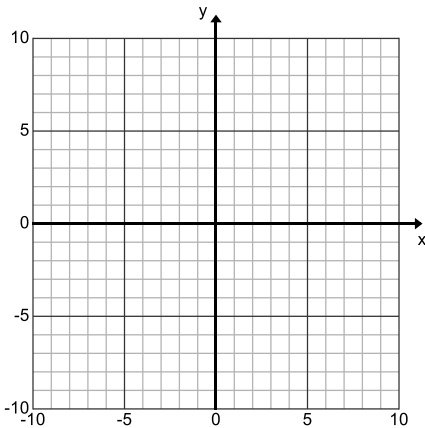


Geometry Placement Test

Directions: You may use a calculator. Show your work. Circle your answers.

1. Multiply $(x - 5)(2x - 3)$
2. Solve for x : $4x - 3 = 7$
3. Factor: $4 - y^2$
4. Factor: $5x^2 + 14x - 3$
5. Solve for x : $x = 2 - x^2$
6. Find the slope of the line through $(2, 3)$ and $(0, 5)$.
7. Solve the system of equations: $x + 2y = -3$ and $3x - 5y = 13$
8. Graph: $y = -2x + 5$
9. Find the x and y intercepts of $y = 5 - 4x$



10. Factor: $2x^3 - 4x^2 + 6x$