

Testing Algebra Test

SOLUTIONS

1. Solve the equation $5y - 2 = 2x + 3$ for y .

- ☐ $y = 2x$
- ☐ $y = 2/5x + 2/5$
- ☐ $y = 2x + 1$
- ☒ $y = 2/5x + 1$
- ☐ $y = 1$

2. Find the slope and the y-intercept of the line $3x - 5y - 9 = 0$.

- ☐ $m = 5/3, b = 3$
- ☐ $m = -3, b = 4$
- ☐ $m = 3, b = -14$
- ☐ $m = 5/3, b = 9/5$
- ☒ $m = 5/3, b = -9/5$

3. In a calculus class, 15 of the students play soccer. Find the total number of students in the class if 3 out of every 5 play soccer.

- ☒ 25
- ☐ 9
- ☐ $45/8$
- ☐ 40
- ☐ 21