

Name _____

Date _____ Per _____ A# _____

Fraction & Decimal Busters

For each problem: identify the Least Common Denominator (LCD) or the Greatest Common Place Value (GCPV), solve the equation, and check your solution.

1. $\frac{(2x-3)}{6} = \frac{2x}{3} + \frac{1}{2}$ LCD: _____

2. $2 + 3.05x - 3.1 = 5$ GCPV: _____

3. $1.5x - 4.2 = 0.3$ GCPV: _____

4. $\frac{x+3}{3} - \frac{x}{4} = \frac{x-2}{5}$ LCD: _____

5. $2.07 - 1.4x = 3.47$ GCPV: _____

6. $\frac{x}{2} + \frac{x}{6} = 7$ LCD: _____

Rewrite in slope-intercept form($y = mx + b$). Then identify the slope and the y-intercept.

11. $5x + 3y = 15$

12. $-2y + 12 = 4x$

m=_____ y-int: _____

m=_____ y-int: _____

13. $6y - 2x = 9 - 3y + x$

14. $7y = 2(x + 7)$

m=_____ y-int: _____

m=_____ y-int: _____