MATHECINE ACADEMY

QUIZ
SOLVING SIMULTANEOUS EQUATIONS

NAME: ………………………………………………… DATE: …………………

PARENT'S SIGNATURE: ……………………………. SCORE: ……………….

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1. Use the **substitution method** to solve the following simultaneous equations.

$$x + 5y = 16$$
$$y - 3x - 8 = 0$$

2. Use the **elimination method** to solve the following simultaneous equations.

$$8x + 3y = 8$$
$$4x - y = 14$$

3. Use the **any method** to solve the following simultaneous equations.

$$7x + 4y = 2$$
$$8x + 5y = 1$$

4. Use the **graphical method** to solve the following simultaneous equations.

$$2x + 3y - 3 = 0$$
$$y = \frac{1}{3}x - 2$$