

SOLVING PROPORTIONS EQUATIONS - ALGEBRAIC EXPRESSIONS

NAME: _____

Solve each of the following proportions.

$$(01). \frac{x - 10}{24} = \frac{5}{2}$$

$$(02). \frac{x + 3}{45} = \frac{2}{3}$$

$$(03). \frac{x - 2}{8} = \frac{5}{2}$$

$$(04). \frac{y + 8}{10} = \frac{3}{2}$$

$$(05). \frac{2a + 3}{14} = \frac{3}{2}$$

$$(06). \frac{5b - 6}{16} = \frac{1}{4}$$

$$(07). \frac{24}{x + 1} = \frac{4}{8}$$

$$(08). \frac{15}{2g - 7} = \frac{3}{5}$$

$$(09). \frac{2}{5} = \frac{30}{3t + 9}$$

$$(10). \frac{5m - 3}{63} = \frac{9}{21}$$

$$(11). \frac{4}{11} = \frac{30}{3x + 9}$$

$$(12). \frac{4}{11} = \frac{y + 58}{77}$$

$$(13). \frac{45}{35} = \frac{9}{7a - 7}$$

$$(14). \frac{x + 3}{11} = \frac{1}{2}$$