

SINGLE VARIABLE EQUATIONS

NAME: _____

Solve the following equations.

(01). $\frac{4}{7} = \frac{x}{21}$

(02). $\frac{x}{4} = -\frac{20}{16}$

(03). $\frac{9p}{10} = \frac{9}{5}$

(04). $\frac{5}{9}y - 4 = 6$

(05). $5(k - 3) = 45$

(06). $-3(a + 7) = 9$

(07). $a - \frac{a}{3} + \frac{a}{5} = 26$

(08). $6 - \frac{y}{4} = \frac{y}{8}$

(09). $\frac{2}{3}y - \frac{1}{2} = 6$

(10). $\frac{x}{3} - \frac{x}{5} = 2$

(11). $\frac{x}{3} - \frac{3x}{4} = \frac{1}{12}$

(12). $\frac{3 - 5y}{4} = \frac{2 - 4y}{3}$

(13). $-4 = 7(x + 4) + 9x$

(14). $8 = 2(y - 5) + 6y$

(15). $1 = 3(p - 2) + 5 + 3p$

(16). $5 = 2(x - 4) + 8x$