

COLLEGE PREP ALGEBRA
Solving More Equations

NAME _____
HOUR _____ DUE DATE _____

Solve the following equations on attached paper. Show checks for # 1 , 5 , 8 , 12 , 16 , 19.

1.) $0.08x - 0.9 = 0.02x$

2.) $0.08x + 2.6 = 0.2x + 9.8$

3.) $0.05x - 0.25 = 0.02x + 0.44$

4.) $0.02(x + 5) = 8$

5.) $0.06(x - 5) = 0.04(x + 8)$

6.) $0.02x + 0.04(1500 - x) = 48$

7.) $\frac{x}{5} + \frac{x}{3} = \frac{8}{15}$

8.) $\frac{x}{3} + \frac{x}{2} = 40$

9.) $\frac{x}{4} = \frac{3x}{5} - 2\frac{1}{10}$

10.) $\frac{x}{5} - \frac{2}{9} = \frac{x}{15}$

11.) $\frac{x+2}{4} - \frac{x-3}{3} = \frac{1}{2}$

12.) $\frac{x}{4} - \frac{1}{2} = \frac{5}{12} - \frac{2x}{3}$

13.) $\frac{x}{6} + \frac{3x}{8} = \frac{5x}{8} - \frac{21}{4}$

14.) $\frac{7x+5}{8} - \frac{3x+15}{10} = 2$

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

16.) $\frac{4(x-2)}{3} = x$

17.) $\frac{x+8}{x-8} = 5$

18.) $\frac{5}{2x-3} = \frac{-2}{x+1}$

19.) $\frac{4x+6}{5} = \frac{8x+5}{3}$

20.) $\frac{4}{x-1} = \frac{3}{x+7}$