













MTH 3-15a

Homework 5

Gold Level











**Outcome 1 - One-step equations**

Solve the following one-step equations...

 $x + \frac{1}{2} = 15$	 $a + \frac{1}{3} = 1$
 $p + \frac{1}{4} = 12$	 $c + \frac{1}{2} = 37$
 $d + \frac{1}{3} = 10$	 $t - \frac{1}{2} = 13$
 $m - \frac{1}{3} = 18$	 $s - \frac{1}{2} = -19$
 $w - \frac{1}{3} = -13$	 $n - \frac{1}{4} = -100$











Outcome 2 - More one-step equations

Solve the following one-step equations...

 $\frac{1}{2} x = 1$	 $\frac{1}{3} a = 11$
 $\frac{1}{2} p = 18$	 $\frac{1}{3} c = 10$
 $\frac{1}{4} d = 25$	 $\frac{1}{3} t = -12$
 $\frac{1}{4} m = -6$	 $\frac{1}{8} s = -4$
 $\frac{1}{3} w = -30$	 $\frac{1}{8} n = -50$

Outcome 3**Equations with brackets**

Solve the following equations...

 $5(x + 1) = 35$
 $7(p + 2) = 49$
 $9(d + 4) = 63$
 $4(m + 2) = 20$
 $5(w + 3) = 80$
 $6(a - 4) = 2(a - 2)$
 $8(c - 2) = 4(c - 3)$
 $10(t - 4) = 5(t - 1)$
 $6(s - 1) = 3(s - 5)$
 $12(n - 1) = 6(n - 4)$