Handout 3

(1)
$$A = \frac{b}{b}c$$
 Solve for b

 $A(b-1) = \frac{b}{b}$
 A

(2)
$$(3x-9)^2 = 10$$

 $3(x^2-6x+9) = 10$
 $3(x^2-6x+9) = 10$
 $3x^2-18x+17 = 0$
 $10 \pm \sqrt{(-18)^2-4(3)(1)}$
 $2(3)$
 $18 \pm \sqrt{324-204}$
(3) $(n+4)(n-3) = 10$
 $n^2+n-2 = 10$
 $n^2+n-2 = 0$
 $-1 \pm \sqrt{89}$
 2
(4) $\sqrt{4+12} = x$
 $\sqrt{x+12} = x^2$
 $\sqrt{x^2-x-12} = 0$
 $(y+3)(y+4) = 0$

X= 4, 3

$$(5 \frac{1}{5}(3x-6) = \frac{1}{4}(x+q)$$

 $(2(3x-6) = (x+q)$
 $(6x-12) = x+q$
 $(6x-12) = x+q$
 $(6x-12) = x+q$

$$8r = -3$$