

1. **Solve** each of the following equations, be sure to show your opposite operation use: (K – 9 marks)

(a) $7x = -28$

(b) $z + 12 = 4$

(c) $-6b = 48$

(d) $\frac{d}{3} = 5$

(e) $y - 13 = 0$

(f) $4.7 = n - 0.3$

(e) $33 = 3m$

(f) $18 = 14 - k$

(g) $12 + 3a = 4a$

2. **Solve** the following multi-step equations. Show your work for complete marks. (13 marks)

(a) $3n + 8 = 32$

(b) $4p + 9 = -7$

(c) $10a - 6a = 12$

(d) $\frac{a}{2} - \frac{1}{4} = \frac{7}{8}$