Solving Equations IV (some answers negative)

Calculator not permitted.

Solve the following equations:

1. (a) $a + 8 = 13$
   (b) $k - 3 = -5$
   (c) $3h = -18$
   (d) $h \div 7 = -2$
   (e) $-4d = 64$
   (f) $9 + h = 12$
   (g) $k \div 3 = -6$
   (h) $d - 4 = -2$
   (i) $y + 2 = 12$
   (j) $-5r = -25$
   (k) $14 + c = 8$
   (l) $g - 6 = 2$

2. (a) $3p + 5 = -1$
   (b) $2(x - 6) = -4$
   (c) $\frac{a}{4} - 10 = -8$
   (d) $\frac{x - 2}{4} = -3$
   (e) $\frac{b}{3} + 1 = -3$
   (f) $4q + 20 = 8$
   (g) $\frac{c - 10}{2} = 5$
   (h) $4(r + 9) = 12$
   (i) $\frac{g}{8} + 4 = 2$
   (j) $\frac{f + 12}{3} = 2$
   (k) $2(k - 3) = -12$
   (l) $-2a + 7 = 1$

3. (a) $p + 5p + 32 = 2$
   (b) $3(r + 4) - 10r = -9$
   (c) $3e + 5 - 8e = 45$
   (d) $2(2y + 4) - 2y + 3 = 3$
   (e) $4b + 3b + 6 = -57$
   (f) $3(c + 2) - 5c = -4$
   (g) $2(x + 7) - x = 4$
   (h) $2z + 5 - 3z = 7$
   (i) $2(q - 3) - q = 0$
   (j) $a - 5a + 6 = -6$
   (k) $3(m + 1) - m = 1$
   (l) $2a - a - 1 = -5$

4. (a) $2(y - 2) - 3(y - 3) = 9$
   (b) $2(r - 5) - 3(2r - 5) = -15$
   (c) $5(2s + 3) - 8(s - 3) = 31$
   (d) $2(x + 1) + 5(x - 3) = -20$
   (e) $3(e - 6) - 4(e - 1) = -24$
   (f) $2(3a - 10) - 3(3 + 4a) = -17$
   (g) $3(2w - 3) + 4(w + 2) = -11$
   (h) $3(x + 3) + 2(2x - 1) = -35$
   (i) $5(c + 1) - 7(c - 6) = 43$
   (j) $2(k + 7) - 3(k + 10) = -9$