

**WORKSHEET 8      Inequalities**

**1.**  $8 - 2x < 22$

**2.**  $6 - 3x > 22$

**3.**  $8 - 2(5 + 2x) < 22$

**4.**  $5 + 2(3 + 2x) < 33$

**5.**  $9r + 15 \geq 24 + 10r$

**6.**  $4y + 2 < 8y - (6y - 10)$

**7.**  $5(2h - 6) - 7(h + 7) > 4h$

**8.**  $\frac{2x-3}{5} < 7$

**9.**  $4(m - 1) - (m + 6) > 5(m + 2)$

**10.**  $-(n - 5) + 3(n + 2) < 4(n - 3) - 1$

**11.**  $2(x + 4) - (x - 2) < -3(x - 1)$

**12.**  $-3(2x + 1) - 2 \leq -2(x + 5)$