Fresh Math

Substitution challenge Test

1. Sub: 4w + 4x + 4y - 1z for w=5, x=3, y=7, z=5 Sub: 4w + 3x + 4y - 1z for w=7, x=2, y=2, z=2

2. Substitute: 3(4x + 3y) when x = 7, y = 8

3. Substitute: 5(3x + 3y) when x = 4, y = 7

4. Sub: 2w + 2x + 3y - 2z for w=4, x=2, y=5, z=5

5. Substitute: 4(5x + 2y) when x = 6, y = 2

Substitution challenge Test – Answer Key

1. Sub: $4w + 4x + 4y - 1z$ for $w=5, x=3, y=7, z=5$ Sub: $4w + 3x + 4y - 1z$ for $w=7, x=2, y=2, z=2$
   x = 53   x = 40

2. Substitute: $3(4x + 3y)$ when $x = 7, y = 8$
   x = 156

3. Substitute: $5(3x + 3y)$ when $x = 4, y = 7$
   x = 165

4. Sub: $2w + 2x + 3y - 2z$ for $w=4, x=2, y=5, z=5$
   x = 17

5. Substitute: $4(5x + 2y)$ when $x = 6, y = 2$
   x = 136