Student 1:

$$y = 3x$$

At every stage there are 3 times as many good deeds as there were in the previous stage.

Student 2:

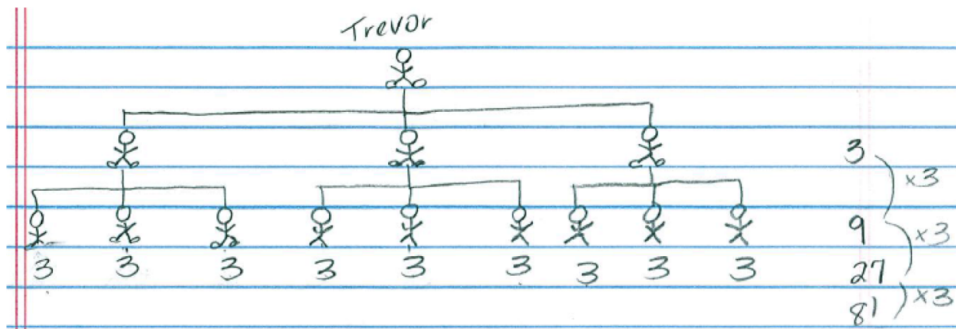$$y = 3^x$$

Student 3:

X (stages)		y (deeds)
1	3	3
2	3 × 3	9
3	3 × 3 × 3	27
4	3 × 3 × 3 × 3	81
5	3 × 3 × 3 × 3 × 3	243

Student 4:

X stages	Y deeds
1	3)×3
2	9)×3
3	27)×3
4	81)×3
5	243

Student 5:

Trevor

3 } ×3

9 } ×3

3 3 3 3 3 3 3 3 3 3   27 } ×3

81 } ×3

So the next stage will be 3 times the number there in the current stage so 27 × 3. Too many to draw. You keep multiplying by 3.

Student 6:

(5, 243)

x^1 $×3$

(4, 81)

x^1 $×3$

(3, 27)

(2, 9)

(1, 3)

At each stage three times the number of people are helped than before so 243 are helped at stage 5.