

Recalc of [this](#) because it didn't find the weight of the other rocks, used an incorrect time frame and got the wrong mass by not converting cubic cm to cubic m properly



Raph's head was calcd at 3.5 meters  
His head is 7 pixels so 1 pixel is 0.5 meters

Lets start with the big rock in the center

Its height is 58.5 meters and its width is 37.5 meters which gives it a volume of  $82265.625 \text{ m}^3$

The little triangle sticking out the side of the rock should have the same height and it has a width of 16.5 meters which gives it a volume of  $7963 \text{ m}^3$

That gives rock 1 a total volume of  $90228.625 \text{ m}^3$  and a mass of 216548700 kg

Now for the tiny rock to the left.

It is a cube with a side that's 12.5 meters, that gives it a volume of  $1953.125 \text{ m}^3$  and a mass of 4687500 kg

Now for the flat rock under the little rock

Its height is 9.5 meters and its width is 26 meters.

Volume= $6422 \text{ m}^3$

Mass= $15412800 \text{ kg}$

Now for the bigger rock to the right

Its height is 34 meters and its width is 19.5 meters

Volume= $12928.5 \text{ m}^3$

Mass= $31028400 \text{ kg}$

The total mass=  $267677400 \text{ kg}$

Time frame was 3 frames of a 24 fps video or 0.125 seconds

The distance the rocks flew was 39 meters

Speed= $312 \text{ m/s}$

KE= $1.3\text{e}13 \text{ Joules}$  or Small Town level