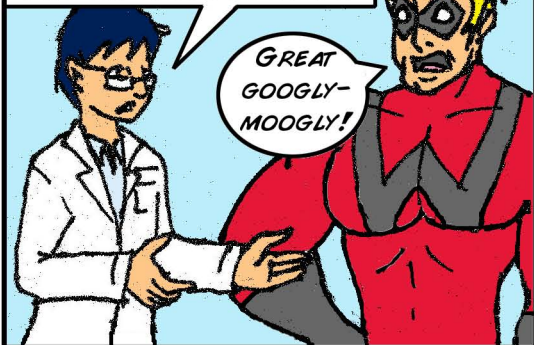
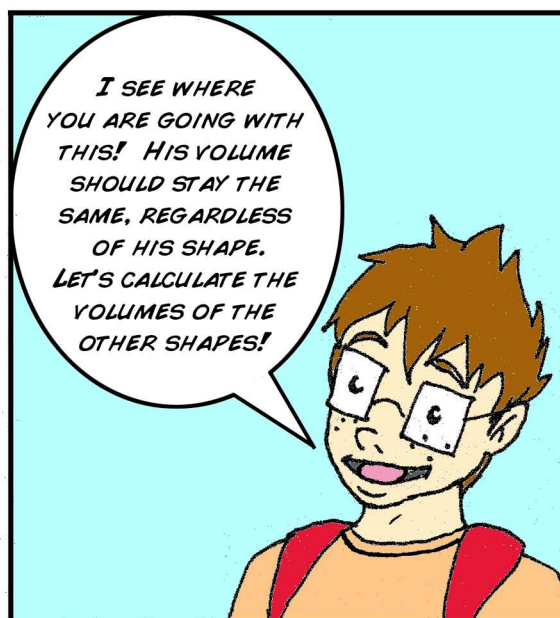
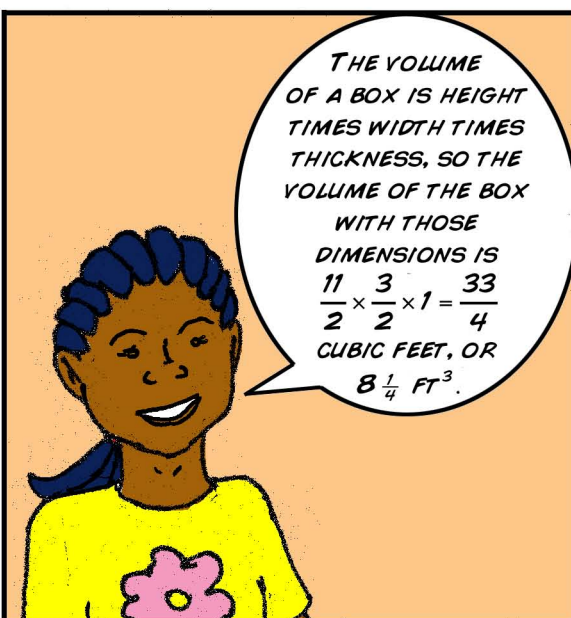
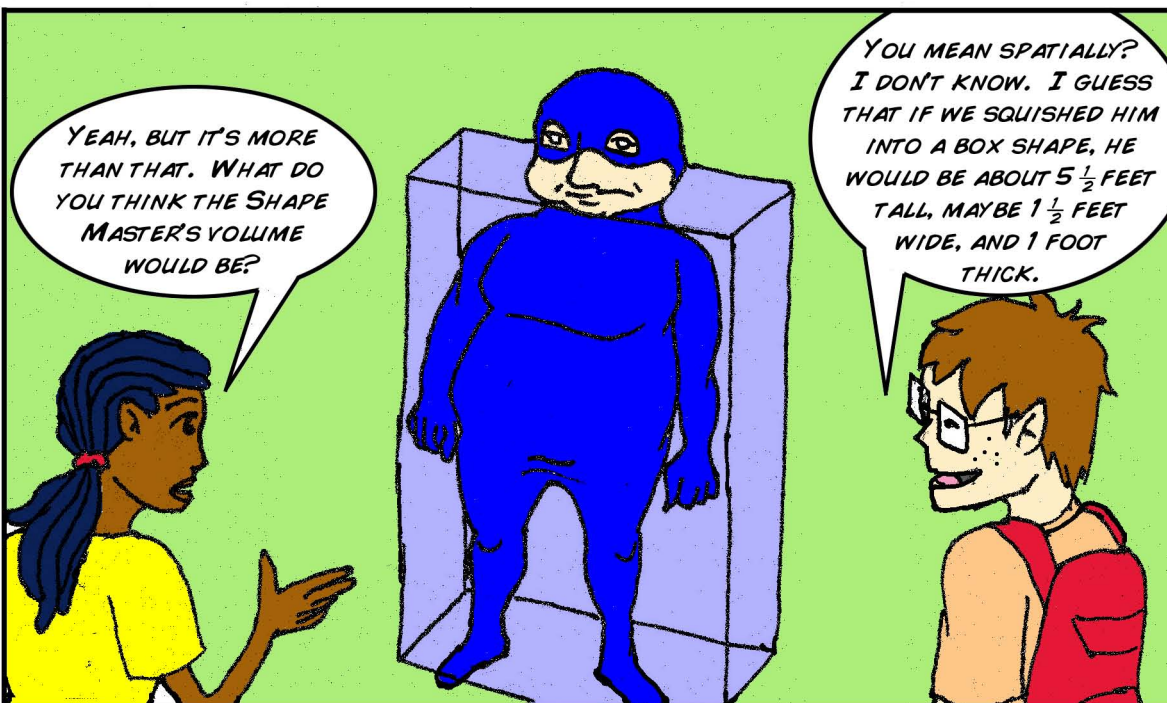


THE BLAST SOMEHOW CHANGED HIS MOLECULES, SO THAT NOW HE CAN CHANGE INTO ANY SHAPE HE WANTS.



MEANWHILE, AT BEST ELEMENTARY SCHOOL...

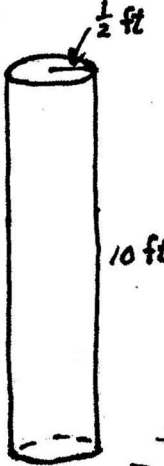


OKAY, HE WAS A COLUMN IN THE VAULT, A CYLINDER ROUGHLY A FOOT ACROSS AND 10 FT TALL. THEN ...

THEN THE RADIUS WOULD BE ONE-HALF FOOT, AND THE VOLUME OF THE CYLINDER WOULD BE

$$\begin{aligned}
 V &= \pi r^2 h \\
 &= \pi \left(\frac{1}{2}\right)^2 (10) \\
 &= \pi \left(\frac{1}{4}\right) (10) \\
 &= \frac{5}{2} \pi \text{ ft}^3
 \end{aligned}$$

AND π IS ABOUT 3.14, ...



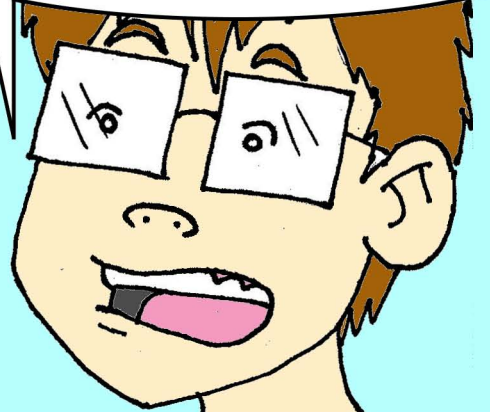
THAT'S APPROXIMATELY 7.85 CUBIC FEET, A BIT LESS THAN OUR LAST ESTIMATE.



WE COULD HAVE BEEN OFF ON THE FIRST ESTIMATE. HE TURNED INTO A SPHERE NEXT.



RIGHT! THE BAGS THAT HE HELD WERE A LITTLE MORE THAN A FOOT TALL, AND THEY WERE ABOUT HALF HIS DIAMETER.



OKAY, THEN, LET THE RADIUS OF THE SPHERE BE $1\frac{1}{4}$ FEET. THEN ITS VOLUME IS

$$\begin{aligned}
 V &= \frac{4}{3} \pi r^3 \\
 &= \frac{4}{3} \pi \left(\frac{5}{4}\right)^3 \\
 &= \frac{4}{3} \pi \left(\frac{125}{64}\right) \\
 &= \frac{125}{48} \pi \text{ ft}^3
 \end{aligned}$$
