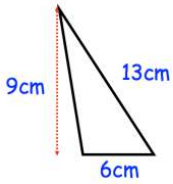
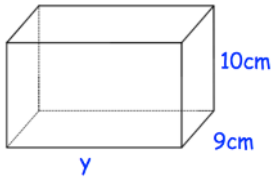
Monday: $\frac{1}{3}$ $\frac{2}{5}$ $\frac{1}{4}$ $\frac{3}{10}$ $\frac{3}{20}$ *Work out the median*	$\frac{1}{3}$ $\frac{2}{5}$ $\frac{1}{4}$ $\frac{3}{10}$ $\frac{3}{20}$ ***0.33...*** ***0.4*** ***0.25*** ***0.3*** ***0.15*** $\frac{3}{20}$ $\frac{1}{4}$ $\frac{3}{10}$ $\frac{1}{3}$ $\frac{2}{5}$ Median is $\frac{3}{10}$
Tuesday: An oil drum has height 50cm and radius 10cm. Calculate the volume of the oil drum	 $V = \pi r^2 h$ $V = \pi \times 10^2 \times 50$ $= 5000\pi$ $= 15707.96 cm^3$
Wednesday: Work out the area of this triangle  	$A = \frac{1}{2}(b \times h)$ $= \frac{1}{2}(6 \times 9)$ $= \frac{1}{2}(54)$ $= 27 cm^2$
Thursday: Given 26 x 142 = 3692 a. What is 260 x 142? ***b.*** What is 26 x 1.42?	a. $260 \times 142 = 36920$ b. $26 \times 1.42 = 36.92$
Friday: **a.** Calculate 10^3 b. Calculate 20^3	a. $10^3 = 10 \times 10 \times 10 = 1000$ b. $20^3 = 20 \times 20 \times 20 = 8000$
Saturday: A bus holds 32 passengers. 150 people want to go on a bus trip. $5 \times 32 = 160$	How many buses are needed? They will need 5 buses How many empty seats will there be? There will be 10 empty seats
Sunday:  	The volume of the cuboid is $2700cm^3$. Find y. $V = l \times w \times h$ $9 \times 10 \times y = 2700$ $90y = 2700$ $y = 2700 \div 90$ $= 30cm$