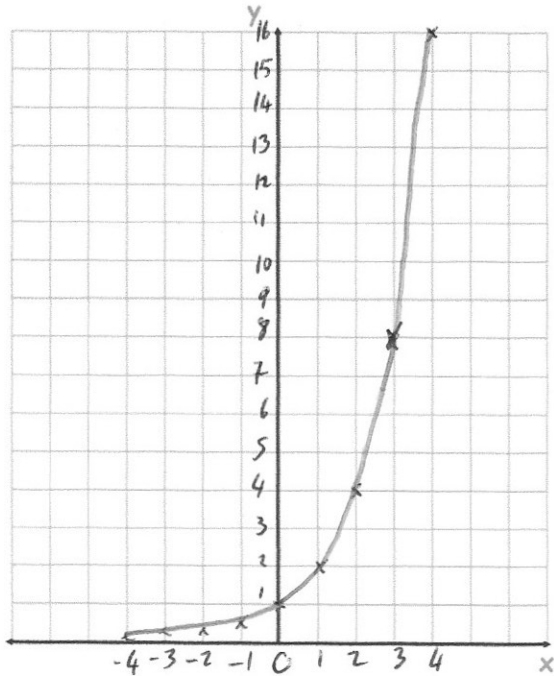


Shown are two similar pyramids.
Pyramid A has a volume of 26cm^3
Work out the volume of Pyramid B.

$$26 \times 2^3 = 208\text{cm}^3$$



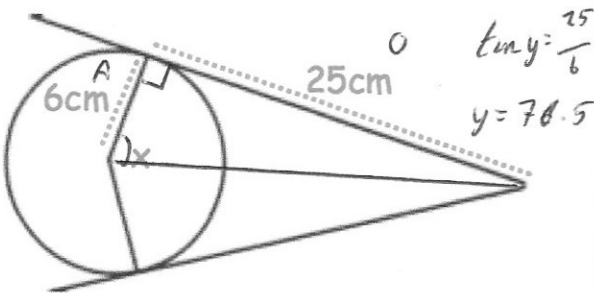
Draw the graph of $y = 2^x$
for values of x from -4 to 4

x	-4	-3	-2	-1	0
y	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	1

x	1	2	3	4
y	2	4	8	16

Write down the equation of the line that
is perpendicular to $y = \frac{1}{2}x + 7$ and
passes through $(0, -6)$

$$y = -2x - 6$$



Shown is a circle, two tangents and two radii.

Find the size of the angle marked x .

$$x = 153^\circ$$