



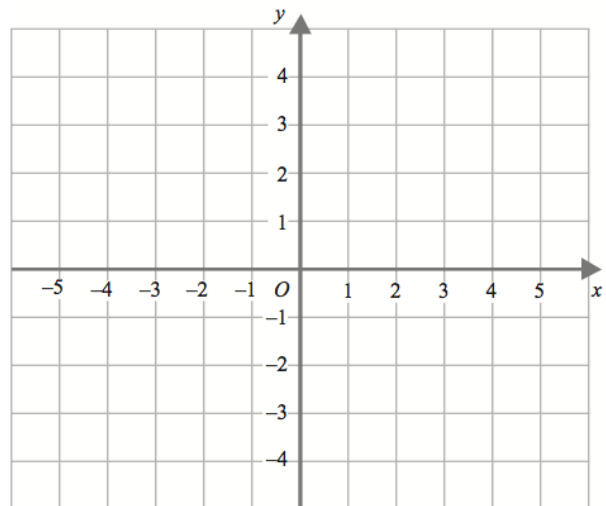
Find the point where the straight line  $3x + 4y = 24$  crosses the x-axis.

Show the region which satisfies

$$-2 < x < 1$$

$$y \geq -1$$

$$y < x + 1$$



$$(\sqrt{2})^a = 4\sqrt{2}$$

Find the value of a

Length (cm)	Frequency
$0 < L \leq 10$	3
$10 < L \leq 20$	12
$20 < L \leq 30$	14
$30 < L \leq 40$	9
$40 < L \leq 50$	2

Calculate an estimate of the mean

Here are two similar vases.



The small vase holds 700ml of water.  
How much does the larger vase hold?