a)
$a = 700$, correct to the nearest hundred.
$b = 130$, correct to the nearest ten.
$c = 20$, correct to the nearest ten.

Find the **lowest** possible value of $\frac{a-b}{c}$.

What are the upper and lower bounds for a?	$650 \leq a < 750$
What are the upper and lower bounds for b?	$125 \leq b < 135$
What are the upper and lower bounds for c?	$15 \leq c < 25$
How do we **minimise** the calculation?	$\frac{a_{min} - b_{max}}{c_{max}}$
What is the lower bound for the calculation?	$\frac{650 - 135}{25} = \frac{515}{25} = 20.6$

b)
$a = 800$, correct to the nearest hundred.
$b = 250$, correct to the nearest ten.
$c = 30$, correct to the nearest ten.

Find the **upper bound** of $\frac{a-b}{c}$.

What are the upper and lower bounds for a?	$750 \leq a < 850$
What are the upper and lower bounds for b?	$245 \leq b < 255$
What are the upper and lower bounds for c?	$25 \leq c < 35$
How do we **maximise** the calculation?	$\frac{a_{max} - b_{min}}{c_{min}}$
What is the upper bound for the calculation?	

c)
$a = 600$, correct to the nearest hundred.
$b = 80$, correct to the nearest ten.
$c = 40$, correct to the nearest ten.

Find the **lowest** possible value of $\frac{a}{b-c}$.

What are the upper and lower bounds for a?	$550 \leq a < 650$
What are the upper and lower bounds for b?	$75 \leq b < 85$
What are the upper and lower bounds for c?	$35 \leq c < 45$
How do we **minimise** the calculation?	
What is the lower bound for the calculation?	

d)
$a = 520$, correct to the nearest ten.
$b = 200$, correct to the nearest hundred.
$c = 70$, correct to the nearest ten.

Find the **upper bound** of $\frac{a}{b-c}$.