7: Upper bound /Lower bound:

1. How to round (rule):

Upper bound = add 5 to the end
Lower bound = subtract 5 to the end

e.g.

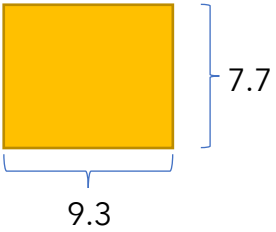
1. 0.25 (2 decimal places) → 0.255(upper)
                           → 0.245(lower)

2. 0.25 (3 decimal places) → 0.2505(upper)
                           → 0.2495(lower)

2. Bound of calculated values:

Maximum of that value = upper bound
Minimum of that value = lower bound

e.g. Upper bound and lower bound area of rectangle



Step 1: Find Upper and Lower bound of each side length.

Base: 1. Upper bound = 9.35
2. Lower bound = 9.25

Height: 1. Upper bound = 7.75
2. Lower bound = 7.65

Step 2: Write down equation

$A = Base \times Height$

Step 3: Pick upper or lower bound that can maximize area for upper bound and minimize area for lower bound.

Upper bound = Base (9.35) x Height (7.75) = 72.4625
Lower bound = Base (9.25) x Height (7.65) = 70.7625