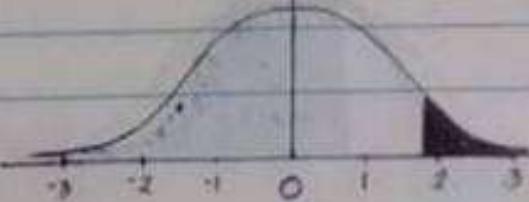


Probabilities and Percentiles Using the Standard Normal Table

Activity 1: FILL ME OUT

STEPS	SOLUTION
Step 1 - Draw the standard normal curve, locate the z-value(s) and shade the required region	
Step 2 - Consult the z-Table and find the area that corresponds to the given z value(s)	$z = 1.91$ corresponds to .9719
Step 3 - Examine the graph and use probability notation to form an equation showing the appropriate operation to get the Required area if necessary	The graph suggest subtraction. The required area is equal to $1.0000 - .9719$. That is, $1.0000 - \boxed{.9719} = \boxed{.0281}$ $= \boxed{0.0281}$
Step 4 - Make a statement indicating the proportion to the right of $z = 1.91$ the proportion of the required area	is 0.0281 . Hence, the probability is 0.0281 or 2.81%

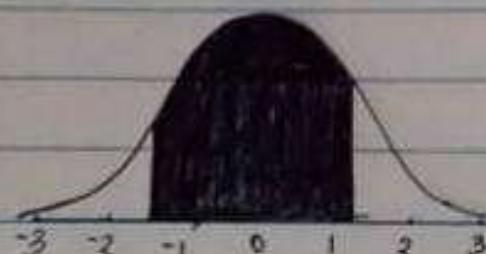
ACTIVITY 2: FIND MY PROBABILITY

1) $P(-1.5 < z < 1.2)$

Step 1:

Step 2: $z = -1.5$ corresponds to .4332

$z = 1.2$ corresponds to .3849



Step 3: The graph suggest addition. The required area is equal to $.4332 + .3849$. That is,

$$P(-1.5 < z < 1.2) = .4332 + .3849$$

$$= \boxed{.8181}$$