

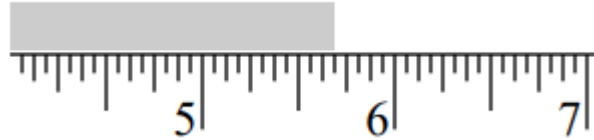


Engineering Level 3 Quiz

1) What is the measurement on this ruler?

Select one:

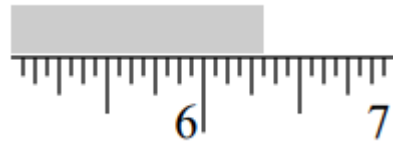
- a) $5 \frac{3}{8}$ "
- b) $5 \frac{5}{8}$ "
- c) $5 \frac{11}{16}$ "
- d) $5 \frac{3}{4}$ "



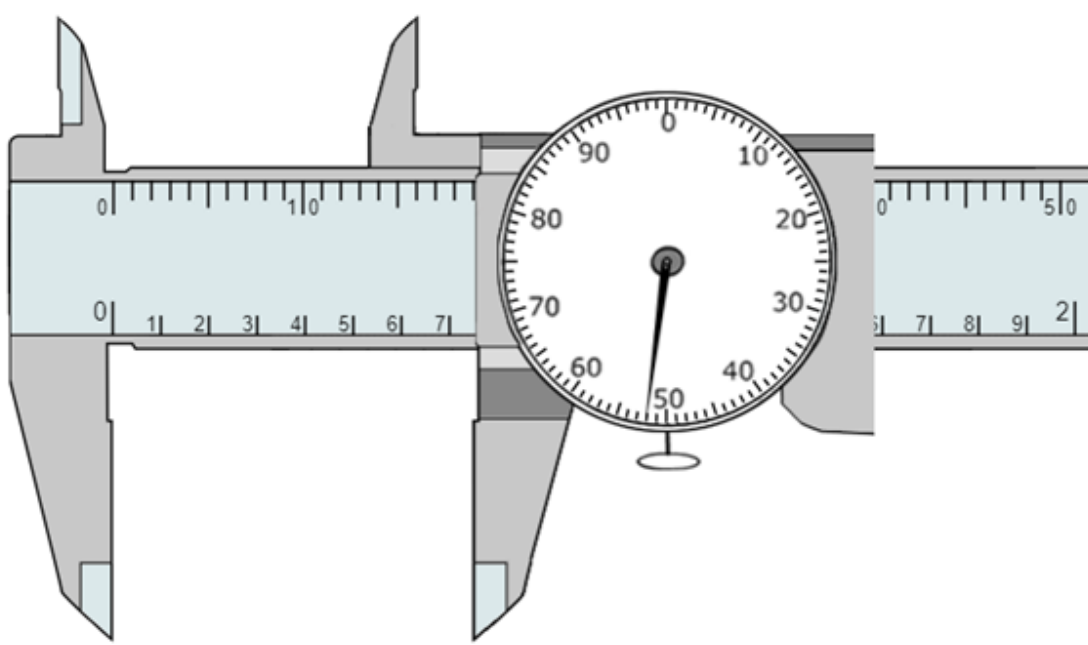
2) What is the measurement on this ruler?

Select one:

- a) $6 \frac{1}{4}$ "
- b) $6 \frac{3}{8}$ "
- c) $6 \frac{5}{16}$ "
- d) $6 \frac{7}{16}$ "



3) What measurement is shown on this dial caliper?

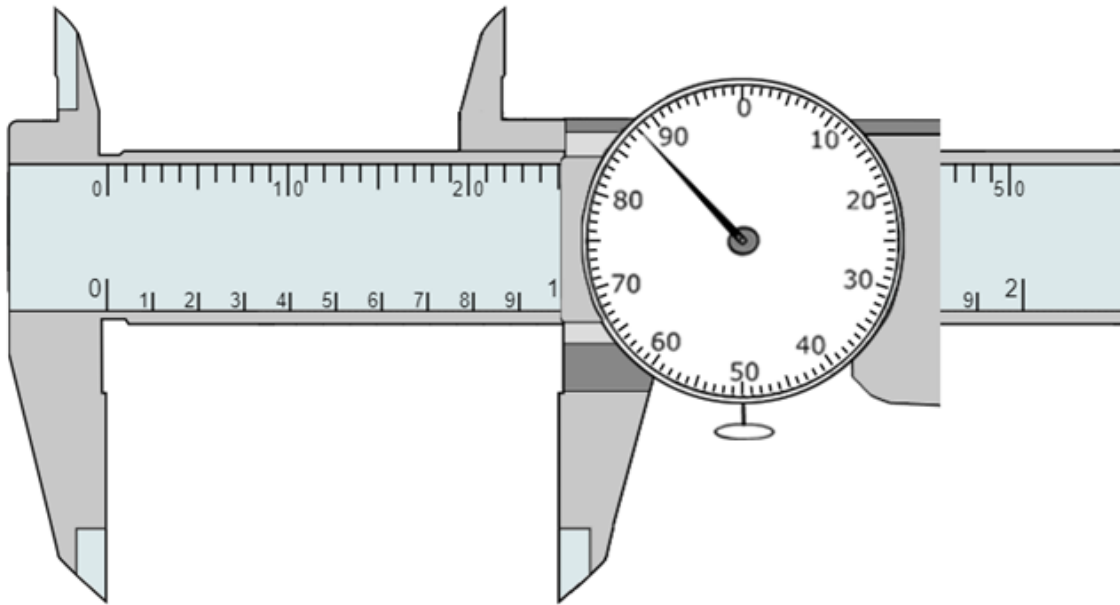




Name: _____

Period: _____

Answer: **0.752"**



4) What

measurement is shown on this dial caliper?

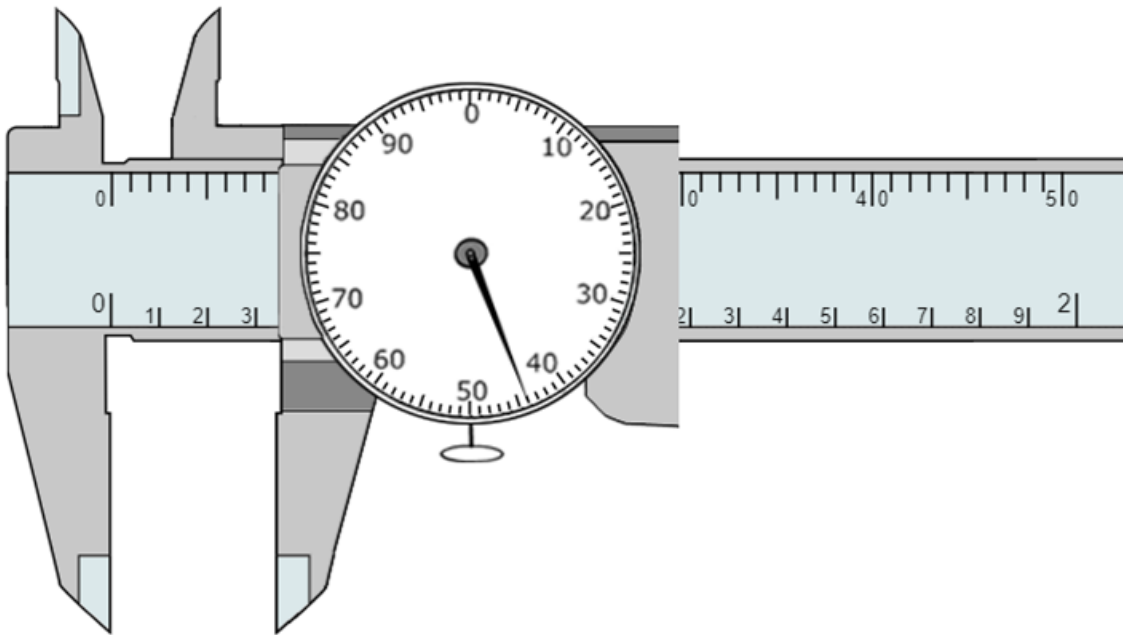


Name: _____

Period: _____

Answer: **0.988"**

5) What measurement is shown on this dial caliper?



Answer: **0.344"**

6) What workplane is this sketch drawn on?



Name: _____

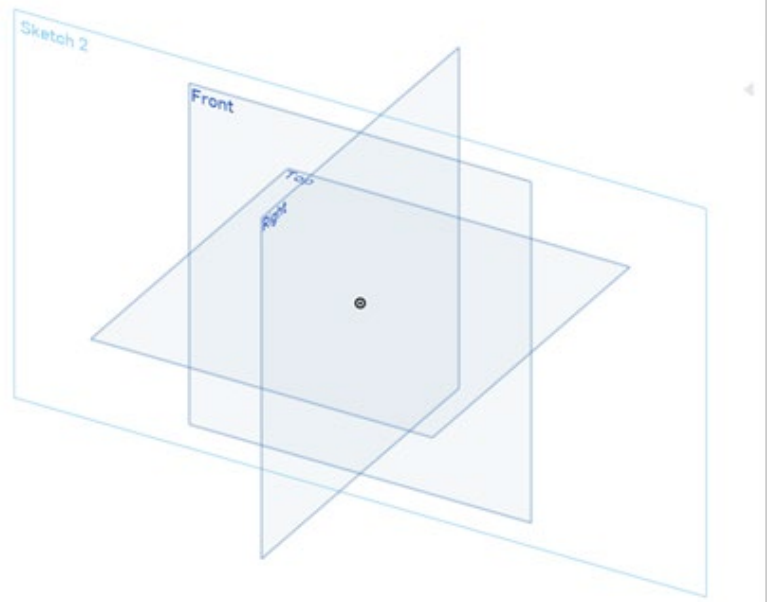
Period: _____

Select one:

a) Front

b) Top

c) Right



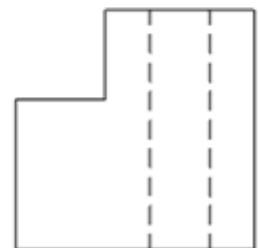
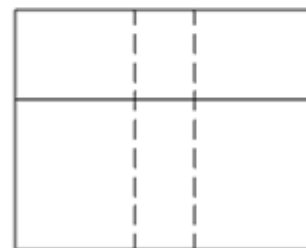
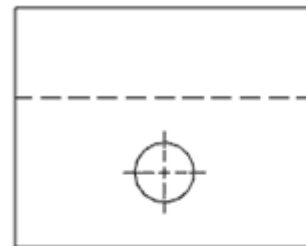
7) In the orthographic drawing below, which view shows the hole as visible?

Select one:

a) Front

b) Top

c) Right

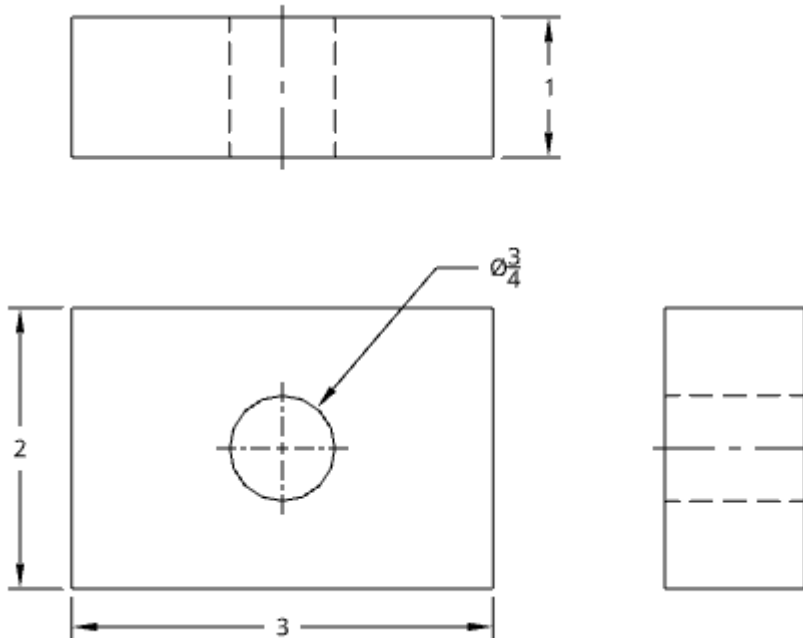




Name: _____

Period: _____

Use the following orthographic drawing to answer questions 8-10.



8) How wide is the front view?

Select one:

- a) 3"
- b) 2"
- c) $\frac{3}{4}$ "
- d) 1"

9) How tall is the right side view?

Select one:

- a) 3"
- b) 2"
- c) $\frac{3}{4}$ "
- d) 1"

10) What is the diameter of the hole?

Select one:

- a) 3"
- b) 2"
- c) $\frac{3}{4}$ "



STEM 101

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Name: _____

Period: _____

d) 1"