



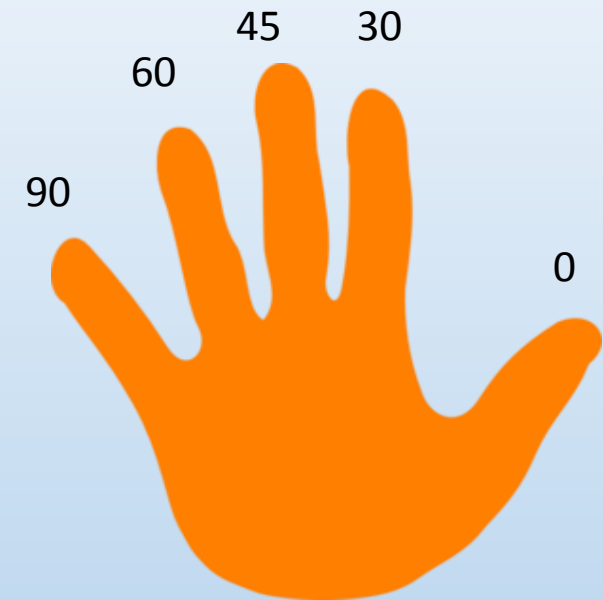
## TO FIND THE VALUES OF SIN/COS USING FINGERS.

### STEPS:

1. MARK THE ANGLES FROM 0 TO 90 ON YOUR FINGERS OF RIGHT PALM. (AS SHOWN IN THE FIGURE).
2. FOLD THE FINGER WHOSE VALUE YOU HAVE TO FIND.
3. FOR SIN COUNT THE FINGERS ON RIGHT SIDE, PUT A ROOT SIGN AND DIVIDE BY 2 TO GET THE VALUE.
4. FOR COS COUNT THE FINGERS ON LEFT SIDE, PUT A ROOT SIGN AND DIVIDE BY 2 TO GET THE VALUE.
5. FOR TAN, DIVIDE THE VALUE OF SIN BY COS

FOR EXAMPLE: TO FIND THE VALUE OF SIN 60.

- Fold the finger representing 60, i.e. Ring finger of the palm in the figure.
- Count the No. of fingers on right side of ring fingers, which is 3.
- Put a root sign, i.e.  $\sqrt{3}$  and divide by 2.
- Final answer :  $\sqrt{3}/2$ .



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