



## MATHS

## ANGLES

### Question Bank

1. Measure all angles below and write names and size in degrees below each:

'(##VPU\_TTT\_MAT\_VI\_P01\_C01\_E01\_001\_Q01##)'

'(##VPU\_TTT\_MAT\_VI\_P01\_C01\_E01\_001\_Q02##)'

'(##VPU\_TTT\_MAT\_VI\_P01\_C01\_E01\_001\_Q03##)'



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2. Measure and write all angles' of the figure  
below

'(##VPU\_TTT\_MAT\_VI\_P01\_C01\_E01\_002\_Q01##)'



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3. A rectangle has four angles. What is the degree measure of each?



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4. Draw a rectangle of length 5 centi. metres and breadth 3 centimetres using a ruler and a protractor.



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5. Draw circles and mark the fractional parts below. Colour them also.

i)  $\frac{3}{8}$

ii)  $\frac{2}{5}$

iii)  $\frac{4}{9}$

iv)  $\frac{5}{12}$

v)  $\frac{5}{24}$



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6. Draw circles and mark the fractional parts below. Colour them also.

i)  $\frac{3}{8}$

ii)  $\frac{2}{5}$

iii)  $\frac{4}{9}$

iv)  $\frac{5}{12}$

v)  $\frac{5}{24}$



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7. If at 1 o'clock, the angle between the hands is 30 degrees.

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What is the angle at 2 o'clock?

What is angle at 4 o'clock?

What is the angle between them at 3 o'clock?

And at 9 o'clock?



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**8.** What is the angle between the hands of the clock at 2.20 ?



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**9.** What is the angle between the hands of the clock at 4.10 ?



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**10.** What is the angle between the hands of the clock at 5.40?



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**11.** What is the angle between the hands of the clock at 8:30?



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**12.** Fold a rectangular sheet of paper through its diagonal. How many angles can you see? Measure each angle.



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**13.** Draw a triangle with desired measurements and write the measurements of the angles.



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**14.** A ladder is placed inclined to the wall making  $30^\circ$  with the ground. One man changes it to  $43^\circ$ . Is the foot of the ladder nearer or far from the wall than it was earlier.



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**15.** Table given below, two measurements are given to each angle. Write the correct measurement.

'(##VPU\_TTT\_MAT\_VI\_P01\_C01\_E04\_008\_Q01##)'





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**16.** Classify this angles.

i) Less than  $90^\circ$  .

ii)  $90^\circ$  .

iii) More than  $90^\circ$  .



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**17.** Each of the following figures find out the measures of the angle.

'(##VPU\_TTT\_MAT\_VI\_P01\_C01\_E04\_012\_Q01##)'

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**18.** Can you draw the angles of measurements  $10^\circ$ ,  $15^\circ$ ,  $40^\circ$ ,  $60^\circ$ ,  $100^\circ$ ,  $105^\circ$ ,  $135^\circ$ ,  $165^\circ$ ,  $170^\circ$ . Which of these angles can Ganga draw who has only setsquares in her hand? Write down those below. What is the peculiarity of the angles drawn by using the setsquares.



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