



# MATHS

## BOOKS - NAVNEET MATHS (MARATHI ENGLISH)

### ANGLES

Question Bank

1. Match the following :

Measure of the angle	Type of angle
(1) $180^\circ$	(a) Zero angle
(2) $240^\circ$	(b) Straight angle
(3) $360^\circ$	(c) Reflex angle
(4) $0^\circ$	(d) Complete angle



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2. The measures of some angles are given below. Write the type of each angle :  $75^\circ$ ,  $105^\circ$ ,  $90^\circ$ ,  $180^\circ$



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3. Observe the figures given below and write the type of each of the angles :

Measure of the angle	Type	Measure of the angle	Type
(1) $75^\circ$	Acute angle	(2) $0^\circ$	Zero angle
(3) $215^\circ$	Reflex angle	(4) $360^\circ$	Complete angle
(5) $180^\circ$	Straight angle	(6) $120^\circ$	Obtuse angle
(7) $148^\circ$	Obtuse angle	(8) $90^\circ$	Right angle



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4. Observe the figures given below and write the type of each of the angles :

Measure of the angle	Type	Measure of the angle	Type
(1) $75^\circ$	Acute angle	(2) $0^\circ$	Zero angle
(3) $215^\circ$	Reflex angle	(4) $360^\circ$	Complete angle
(5) $180^\circ$	Straight angle	(6) $120^\circ$	Obtuse angle
(7) $148^\circ$	Obtuse angle	(8) $90^\circ$	Right angle



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5. Observe the figures given below and write the type of each of the angles :

Measure of the angle	Type	Measure of the angle	Type
(1) $75^\circ$	Acute angle	(2) $0^\circ$	Zero angle
(3) $215^\circ$	Reflex angle	(4) $360^\circ$	Complete angle
(5) $180^\circ$	Straight angle	(6) $120^\circ$	Obtuse angle
(7) $148^\circ$	Obtuse angle	(8) $90^\circ$	Right angle



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6. Observe the figures given below and write the type of each of the angles :

Measure of the angle	Type	Measure of the angle	Type
(1) $75^\circ$	Acute angle	(2) $0^\circ$	Zero angle
(3) $215^\circ$	Reflex angle	(4) $360^\circ$	Complete angle
(5) $180^\circ$	Straight angle	(6) $120^\circ$	Obtuse angle
(7) $148^\circ$	Obtuse angle	(8) $90^\circ$	Right angle



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7. Observe the figures given below and write the type of each of the angles :

Measure of the angle	Type	Measure of the angle	Type
(1) $75^\circ$	Acute angle	(2) $0^\circ$	Zero angle
(3) $215^\circ$	Reflex angle	(4) $360^\circ$	Complete angle
(5) $180^\circ$	Straight angle	(6) $120^\circ$	Obtuse angle
(7) $148^\circ$	Obtuse angle	(8) $90^\circ$	Right angle



8. Observe the figures given below and write the type of each of the angles :

Measure of the angle	Type	Measure of the angle	Type
(1) $75^\circ$	Acute angle	(2) $0^\circ$	Zero angle
(3) $215^\circ$	Reflex angle	(4) $360^\circ$	Complete angle
(5) $180^\circ$	Straight angle	(6) $120^\circ$	Obtuse angle
(7) $148^\circ$	Obtuse angle	(8) $90^\circ$	Right angle

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9. Use a protractor to draw an acute angle, a right angle and an obtuse angle :

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10. Use a protractor to draw an acute angle, a right angle and an obtuse angle :



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11. Use a protractor to draw an acute angle, a right angle and an obtuse angle :



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**12.** Use the proper geometrical instruments to construct the following angles. Use the compass and the ruler to bisect them.

$50^\circ$



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**13.** Use the proper geometrical instruments to construct the following angles. Use the compass and the ruler to bisect them.

$115^\circ$





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**14.** Use the proper geometrical instruments to construct the following angles. Use the compass and the ruler to bisect them.

$80^\circ$

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**15.** Use the proper geometrical instruments to construct the following angles. Use the

compass and the ruler to bisect them.

$90^\circ$



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**16.** What type of angle is formed between the minute and hour hands of a clock at

3 : 00 o'clock



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**17.** What type of angle is formed between the minute and hour hands of a clock at 6 : 00 o'clock



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**18.** What type of angle is formed between the minute and hour hands of a clock at 5 : 00 o'clock?



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**19.** What is a reflex angle?



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