MATHS

BOOKS - NAVNEET PUBLICATION - MAHARASHTRA BOARD

ANGLES

Question Bank

1. Match the following :

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

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2. If two complementary angles are in the ratio

6 : 3, then the angles are:

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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°	Acute angle	(2) 0°	Zero angle
(3) 215°	Reflex angle	(4) 360°	Complete angle
(5) 180°	Straight angle	(6) 120°	Obtuse angle
(7) 148°	Obtuse angle	(8) 90°	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°	Acute angle	(2) 0°	Zero angle
(3) 215°	Reflex angle	(4) 360°	Complete angle
(5) 180°	Straight angle	(6) 120°	Obtuse angle
(7) 148°	Obtuse angle	(8) 90°	Right angle

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°	Acute angle	(2) 0°	Zero angle
(3) 215°	Reflex angle	(4) 360°	Complete angle
(5) 180°	Straight angle	(6) 120°	Obtuse angle
(7) 148°	Obtuse angle	(8) 90°	Right angle

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°	Acute angle	(2) 0°	Zero angle
(3) 215°	Reflex angle	(4) 360°	Complete angle
(5) 180°	Straight angle	(6) 120°	Obtuse angle
(7) 148°	Obtuse angle	(8) 90°	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°	Acute angle	(2) 0°	Zero angle
(3) 215°	Reflex angle	(4) 360°	Complete angle
(5) 180°	Straight angle	(6) 120°	Obtuse angle
(7) 148°	Obtuse angle	(8) 90°	Right angle

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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°	Acute angle	(2) 0°	Zero angle
(3) 215°	Reflex angle	(4) 360°	Complete angle
(5) 180°	Straight angle	(6) 120°	Obtuse angle
(7) 148°	Obtuse angle	(8) 90°	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 compass and the ruler to bisect them.

50°

13. Use the compass and the ruler to bisect them.

115°

14. Use the compass and the ruler to bisect them.

80°

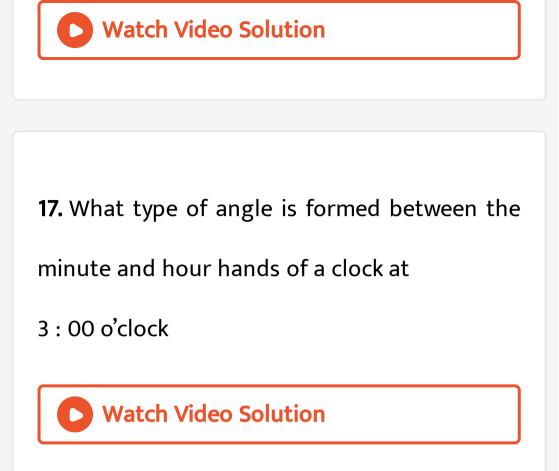**15.** Use the compass and the ruler to bisect them.

90°

16. If two complementary angles are in the ratio 13 : 5, then the angles are:

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

3 : 00 o'clock

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

6 : 00 o'clock

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

20. What is a reflex angle?