

Mathematics 10th Class English Medium Unit 7 Online Test

Sr	Questions	Answers Choice
1	$\operatorname{Cosec}^2\theta - \cot^2\theta = \dots\dots\dots$	A. -1 B. 1 C. 0 D. $\tan\theta$
2	$\sin\theta \cos\theta = \dots\dots\dots$	A. $\sin\theta$ B. $1/\cos\theta$ C. $1/\sin\theta$ D. $\sin\theta/\cos\theta$
3	$1/2 \operatorname{sosec} 45^\circ$	A. $1/2\sqrt{2}$ B. $1/\sqrt{2}$ C. $\sqrt{2}$ D. $\sqrt{3}/2$
4	$1/(1+\sin\theta) + 1/(1-\sin\theta)$	A. $2\sec^2\theta$ B. $2\cos^2\theta$ C. $\operatorname{Sec}^2\theta$ D. <p class="list-item-l1"><p class="MsoNormal">$\cos\theta$<!--[endif]--><!--[endif]--><o:p></o:p></p></p>
5	$\operatorname{Sec}^2\theta = \dots\dots\dots$	A. $1 - \operatorname{Sin}^2\theta$ B. $1 + \tan^2\theta$ C. $1 + \cos^2\theta$ D. $1 - \tan^2\theta$
6	If $\tan\theta = \sqrt{3}$, then θ is equal to $\dots\dots\dots$	A. 90° B. 45° C. 60° D. 30°
7	$3\pi/4$ radians = $\dots\dots\dots$	A. 115° B. 135° C. 150° D. 30°
8	$20^\circ = \dots\dots\dots$	A. 360° B. 630° C. 1200° D. 3600°
9	The system of measurement in which the angle is measured in radian is called.	A. CGS system B. Sexagesimal system C. Circular system D. MSK system
10	The union of two noncollinear rays, which have common endpoint is called	A. An angle B. A degree C. A minute D. A raijan
11	Diameter of a circle divides it into many parts?	A. two; B. three; C. four; D. countless;
12	In a circle, the tangents drawn at the ends of a chord make equal _ with that chord	A. square; B. angle; C. cube; D. circle;
13	The length of a tangent to a circle is from the given point to the point of:	A. start point; B. enc points; C. contact; D. ...

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- 14 Tangent drawn at the ends of diameter of a circle of _____ to each other:
- A. parallel
B. perpendicular
C. collinear
D. none parallel
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- 15 A line which has only one point in common whit a circle is called:
- A. chord
B. secant
C. tangent
D. sector
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