

12 Chapter 12 Test, Form 2B

Write the letter for the correct answer in the blank on the right of each question.

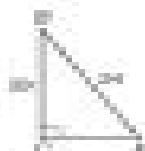
1. Find the value of $\sec A$.

A $\frac{11}{5}$

C $\frac{6}{17}$

B $\frac{16}{17}$

D $\frac{17}{16}$



1. A

2. Which equation can be used to find x ?

F $\sin 32^\circ = \frac{x}{5}$

H $\cos 32^\circ = \frac{x}{5}$

G $\tan 32^\circ = \frac{x}{5}$

J $\cos 32^\circ = \frac{5}{x}$



2. J

3. Find A to the nearest degree.

A 55°

C 30°

B 35°

D 60°



3. B

4. Rewrite $\frac{2\pi}{3}$ radians in degree measure.

F 450°

G 225°

H $255\pi^\circ$

J 113.5°

4. G

5. Which angle is coterminal with a -400° angle in standard position?

A 40°

B 80°

C 320°

D -400°

5. C

6. Find the exact value of $\cos \theta$ if the terminal side of θ in standard position contains the point $(6, -8)$.

F $-\frac{3}{5}$

G $\frac{3}{5}$

H $\frac{4}{5}$

J $-\frac{4}{5}$

6. G

7. Find the exact value of $\cot(-315^\circ)$.

A 1

B $\sqrt{2}$

C $\frac{\sqrt{2}}{2}$

D 2

7. A

8. Find the exact value of $\sin\left(-\frac{3\pi}{8}\right)$.

F $-\frac{1}{2}$

G $-\frac{\sqrt{3}}{2}$

H $-\frac{\sqrt{2}}{2}$

J $\frac{\sqrt{3}}{2}$

8. F

9. In $\triangle ABC$, $C = 90^\circ$, $a = 25$, and $b = 42$. Find B .

A 78°

B 117°

C 11°

D 55°

9. A

10. Find the area of $\triangle ABC$ if $A = 55^\circ$, $b = 8$ meters and $c = 14$ meters.

F 91.7 m^2

G 22.3 m^2

H 48.9 m^2

J 54.0 m^2

10. H

Geometry Chapter 12 Test Form A

L Cohen



Geometry Chapter 12 Test Form A:

Unveiling the Magic of Words: A Report on "**Geometry Chapter 12 Test Form A**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their capability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Geometry Chapter 12 Test Form A**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound affect on the souls of its readers.

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