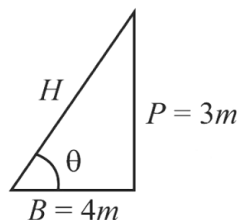# Yakeen NEET 2.0 (2026)

Physics

by Saleem Sir

DPP: 1

Basic Maths & Calculus (Mathematical Tools)

Q1 Find the value of hypotenuse:

(A) $6m$

(B) 1 m

(C) 5 m

(D) 7 m

Q2 Convert angle from radian to degree $\frac{\pi}{2}$ rad:

(A) $60°$

(B) $30°$

(C) $90°$

(D) $0°$

Q3 Convert angle from radian to degree $\frac{\pi}{3}$ rad:

(A) $60°$

(B) $30°$

(C) $45°$

(D) $0°$

Q4 Convert angle from radian to degree :

$\frac{5\pi}{6}$ rad

(A) $60°$

(B) $30°$

(C) $90°$

(D) $150°$

Q5 Convert angle from radian to degree $\frac{4\pi}{3}$ rad:

(A) $120°$

(B) $240°$

(C) $150°$

(D) $0°$

Q6 Convert angle from degree to radian $30°$ to:

(A) $\frac{\pi}{2}$

(B) $\frac{\pi}{4}$

(C) $\frac{\pi}{6}$

(D) $\frac{\pi}{3}$

Q7 Convert angle from degree to radian:

$90°$

(A) $\frac{\pi}{2}$

(B) $\frac{\pi}{3}$

(C) $\frac{\pi}{6}$

(D) $\frac{\pi}{4}$
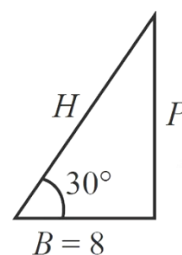
Q8 Convert angle from degree to radian :

$150°$

(A) $\frac{\pi}{6}$

(B) $\frac{\pi}{4}$

(C) $\frac{5\pi}{6}$

(D) 8π

Q9 If $\tan\theta = \frac{4}{3}$. Find the value of $\sin\theta$

(A) $\frac{3}{5}$

(B) $\frac{4}{3}$
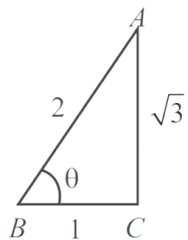
(C) $\frac{4}{5}$

(D) $\frac{5}{4}$

Q10 If $\cos\theta = \frac{4}{5}$, then find the value of $\tan\theta$

(A) $\frac{4}{5}$

(B) $\frac{3}{5}$

(C) $\frac{4}{3}$

(D) $\frac{3}{4}$

Q11 Find the value of P

(A) $\dfrac{\sqrt{3}}{8}$

(B) 8

(C) $\dfrac{8}{\sqrt{3}}$

(D) 0

Q12 Find the angle $\angle ABC$

(A) $0°$

(B) $60°$

(C) $30°$

(D) $45°$

Answer Key

Q1	(C)		Q7	(A)
Q2	(C)		Q8	(C)
Q3	(A)		Q9	(C)
Q4	(D)		Q10	(D)
Q5	(B)		Q11	(C)
Q6	(C)		Q12	(B)

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