
☐ $\frac{5}{13}$

☐ $\frac{5}{12}$

☐ $\frac{12}{13}$

☐ $\frac{13}{12}$

- ☐ Both (A) and (R) are true and (R) is the correct explanation for (A).
☐ Both (A) and (R) are true but (R) is not the correct explanation for (A).
☐ (A) is false and (R) is true.
☐ Both (A) and (R) are false.
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Shown below is the rough figure of the side view of a proposed water slide which has to be constructed in a water park.

(Take $\sqrt{2} = 1.4$, $\sqrt{3} =$

☐ 30°

☐ 45°

☐ 60°

☐ 90°



■ $\frac{4}{3}$

■ $\frac{4}{5}$

■ $\frac{3}{4}$

■ $\frac{3}{5}$

■ 5 m

■ 8.6 m

■ 10 m

■ 12.1 m

■ 4.24 m

■ 5.04 m

■ 6.12 m

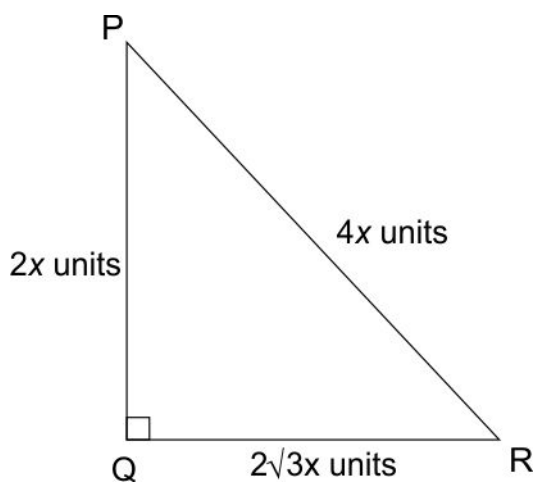
■ 7.2 m

■ $\cos \angle EFD$

■ $\cos \angle AGB$

■ $\operatorname{cosec} \angle FED$

■ $\operatorname{cosec} \angle EFD$



Q.No	Correct Answers
1	4
2	4
3	3
4	1
5	2
6	4
7	3



Q.No	What to look for	Marks

	$x \quad x \quad x \quad x \quad x \quad x$	
	$x \quad x \quad x \quad x \quad x$ $x \quad x =$	
	$x \quad x \quad x \quad x$	
	$x \quad x \quad x$	