

Exact Trig Values *fluency*



Write the exact value

1 $\sin 30^\circ$

2 $\cos 60^\circ$

3 $\tan 45^\circ$

4 $\sin 90^\circ$

5 $\cos 0^\circ$

6 $\tan 0^\circ$



Write the exact value

7 $\sin 60^\circ$

8 $\cos 30^\circ$

9 $\tan 60^\circ$

10 $\sin 45^\circ$

11 $\cos 45^\circ$

12 $\tan 30^\circ$



Find θ . θ is between 0° and 90° .

13 $\sin \theta = \frac{1}{2}$

14 $\cos \theta = \frac{1}{2}$

15 $\tan \theta = 1$

16 $\cos \theta = \frac{\sqrt{3}}{2}$

17 $\sin \theta = 1$

18 $\tan \theta = 0$



Work out the exact value

19 $\sin 30^\circ + \cos 60^\circ$

20 $6 \sin 30^\circ$

21 $\tan 45^\circ \times \cos 60^\circ$

22 $(\sin 60^\circ)^2$

23 $4 \cos 60^\circ - 3 \tan 45^\circ$

24 $\sin 30^\circ \times \tan 60^\circ$



Work out the exact value

25 $10 \sin 30^\circ$

26 $6 \cos 30^\circ$

27 $8 \tan 45^\circ$

28 $12 \sin 60^\circ$

29 $4 \tan 60^\circ$

30 $9 \cos 60^\circ$