"Why did Alex get fired from the tailor shop?"

Find the exact value for the following. Rationalize any radical denominator.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\cos \frac{\pi}{3}$

2. $\sin \frac{2\pi}{3}$

3. $\cos \frac{4\pi}{3}$

4. $\cos \pi$

5. $\sin \frac{5\pi}{4}$

6. $\cos \frac{-3\pi}{2}$

7. $\sin \frac{5\pi}{2}$

8. $\cos \frac{7\pi}{4}$

9. $\sin \frac{10\pi}{3}$

D: 1

O: 0

E: $-\frac{\sqrt{2}}{2}$

T: undefined

H: $-\frac{1}{2}$

B: -1

A: $\frac{\sqrt{3}}{2}$

Y: $\sqrt{3}$

I: $\frac{1}{2}$

S: $\frac{\sqrt{2}}{2}$

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

U: -2

___ ___   ___ ___ ___   ___
3 5   7 1 7   2

___ ___ - ___ ___   ___ ___ ___
8 6 8 6   9 6 4

"What type of vacation do nuclear physicists go on?"

Find the exact value for the following. Rationalize any radical denominator.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\tan 45°$
2. $\cot 60°$
3. $\cot 135°$
4. $\tan 330°$
5. $\tan 240°$
6. $\cot 360°$
7. $\tan 540°$
8. $\cot 150°$

S: 0

T: $-\frac{\sqrt{3}}{3}$

O: 1

I: undefined

H: 3

N: -1

R: $\frac{\sqrt{3}}{3}$

P: $\sqrt{3}$

A: $\frac{1}{3}$

Y: -3

F: $-\sqrt{3}$

D: $-\sqrt{2}$

8	6	7	7	6	1	3		4	2	6	5