

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

D: 1

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

O: 0

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

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

T: undefined

4. $\cos \pi$

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

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

B: -1

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

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

Y: $\sqrt{3}$

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

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

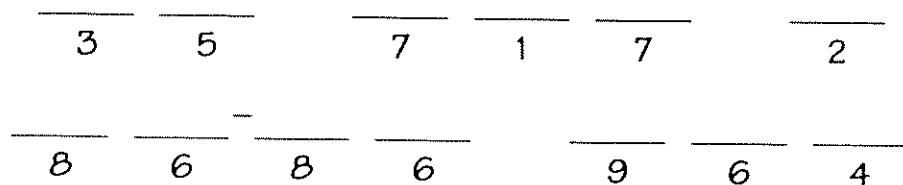
8. $\cos \frac{7\pi}{4}$

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

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

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

U: -2



"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. $\tan 45^\circ$ | S: 0 |
| 2. $\cot 60^\circ$ | T: $-\frac{\sqrt{3}}{3}$ |
| 3. $\cot 135^\circ$ | O: 1
I: undefined |
| 4. $\tan 330^\circ$ | H: 3
N: -1 |
| 5. $\tan 240^\circ$ | R: $\frac{\sqrt{3}}{3}$ |
| 6. $\cot 360^\circ$ | P: $\sqrt{3}$ |
| 7. $\tan 540^\circ$ | A: $\frac{1}{3}$ |
| 8. $\cot 150^\circ$ | Y: -3
F: $-\sqrt{3}$
D: $-\sqrt{2}$ |