

"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.

DRAW & LABEL REF DS FOR EACH

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: $\sqrt{3}$

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

7. $\tan 540^\circ$

Y: -3

F: $-\sqrt{3}$

8. $\cot 150^\circ$

D: $-\sqrt{2}$

8

6

7

7

6

1

3

4

2

6

5