

# What is Irish and sits out on your deck?

Simplify the following fractions. To figure out the joke, place the letter of each problem above the answer on the line(s) below.

U:  $\frac{1}{\sqrt{2}}$

N:  $\frac{3}{\sqrt{5}}$

E:  $\frac{7}{\sqrt{11}}$

O:  $\frac{8}{\sqrt{3}}$

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

I:  $\frac{3}{\sqrt{6}}$

T:  $\frac{10}{\sqrt{5}}$

F:  $\sqrt{\frac{7}{11}}$

A:  $\sqrt{\frac{7}{2}}$

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

P:  $\frac{7\sqrt{3}}{\sqrt{11}}$

D:  $\frac{20\sqrt{7}}{\sqrt{5}}$

$\frac{7\sqrt{33}}{11}$   $\frac{\sqrt{14}}{2}$   $4\sqrt{35}$   $4\sqrt{35}$   $\sqrt{2}$   $\frac{8\sqrt{3}}{3}$   $\frac{\sqrt{77}}{11}$   $\frac{\sqrt{2}}{2}$   $\frac{2\sqrt{6}}{3}$   $\frac{3\sqrt{5}}{5}$   $\frac{\sqrt{6}}{2}$   $2\sqrt{5}$   $\frac{\sqrt{2}}{2}$   $\frac{2\sqrt{6}}{3}$   $\frac{7\sqrt{11}}{11}$

# What do you call workers who put together kitchen cabinets?

Simplify the following radicals. The answer to each problem will match a letter that will allow you to figure out the joke.

1.  $\sqrt{18}$

2.  $\sqrt{24}$

3.  $\sqrt{800}$

4.  $\sqrt{150}$

5.  $\sqrt{98}$

6.  $\sqrt{32}$

7.  $\sqrt{448}$

8.  $\sqrt{\frac{1}{4}}$

9.  $\sqrt{\frac{9}{16}}$

10.  $\sqrt{\frac{13}{9}}$

11.  $\sqrt{\frac{11}{25}}$

12.  $3\sqrt{16}$

13.  $4\sqrt{8}$

14.  $7\sqrt{27}$

E:  $2\sqrt{6}$

I:  $\frac{3}{4}$

T:  $4\sqrt{2}$

E:  $\frac{\sqrt{11}}{5}$

U:  $3\sqrt{2}$

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

R:  $7\sqrt{2}$

F:  $21\sqrt{3}$

R:  $20\sqrt{2}$

E:  $8\sqrt{7}$

T:  $\frac{\sqrt{13}}{3}$

N:  $5\sqrt{6}$

C:  $8\sqrt{2}$

S: 12

13   8   1   4   10   11   3   14   2   9   6   7   5   12