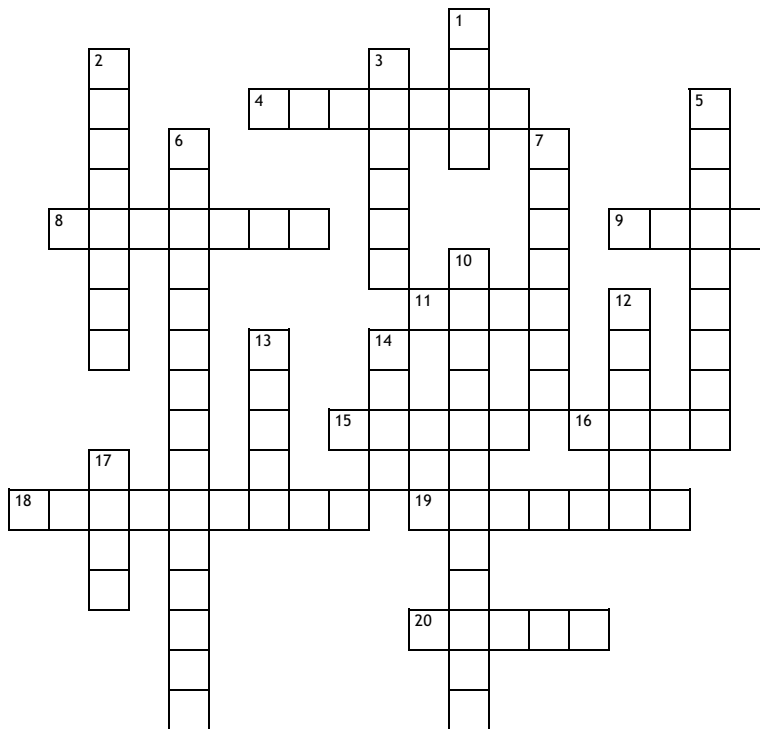


Knots



Across

4 A versatile knot used to tie a non-slipping loop in the end of a rope that can be easily untied even after being under a heavy load.

8 A single figure 8 also makes a good "_____ " knot at the end of a rope.

9 The alpine butterfly is an easy knot to tie, it also remains reasonably easy to _____ even after considerable tension and pressure.

11 The alpine butterfly is useful when a secure _____ is required at any point along a length of the rope.

15 Attaches a rope to something

16 the square knot is used to tie two pieces of rope together that are the _____ diameter.

18 Knot used to tie two pieces of rope together that have different diameters.

19 This knot can also be tied by tying a _____ knot with doubled line at the end of a rope.

20 Square knot:RIGHT over LEFT, LEFT over _____

Down

1 Joins two ropes or fishing lines

2 A guideline knot is a _____ knot used to form an adjustable loop that can be quickly slipped to either tighten or loosen a line.

3 Main knot used when tying a hook to fishing line

5 Excellent knot for tarp construction

6 A versatile knot used widely throughout outdoor activities such as shelter building and climbing. In regards to shelter building, this knot can be used as a pulley to tighten the guideline.

7 A knot is _____ when it is completed using a loop or loops.

10 Common Uses for bowline: Hanging a hammock, Hanging a Bear bag, Anchoring, _____

12 This knot works best with ropes of equal size

13 knot used to hold onto things, such as building a button to keep more tension on an outer tarp or to peg down a corner of a shelter to a tent peg, tree, or tree root.

14 Because the bowline knot is a strong knot that forms a loop that will not _____ under force, it serves as an excellent knot to anchor the rope to almost any object.

17 Using a loop makes knots _____ secure.

Word Bank

alpine butterfly
bowline
friction
right
slipped

undo
less
square
clove
slip

bend
stopper
same
rock climbing
hitch

sheet bend
guideline
figure 8
loop
clinch