

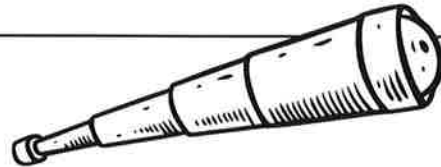


## WORD SEARCH



Find the hidden words from the list at right. Words can go in any direction, including backwards and diagonally, and may share letters.

- anchors
- constellation
- dinghy
- dolphin
- gulls
- lighthouse
- mast
- nautical
- navigation
- ocean
- octopus
- sails
- seas
- ship
- skipper
- stingray
- tide
- whale



A 15x15 grid of letters with several words circled in hand-drawn lines. The circled words are: 'nautical', 'constellation', 'sails', 'ship', 'anchors', 'mast', 'skipper', 'stingray', 'tide', 'whale', 'ocean', 'navigation', 'octopus', 'seas', 'dinghy', 'dolphins', 'gulls', 'lighthouse', 'masts', 'skippers', 'stingrays', 'tides', and 'whales'. Some words are oriented vertically, some horizontally, and some diagonally.



# CLIMB to the CROW'S NEST

Match each ocean bird species by drawing a line to the matching bird—and create the rigging for our climb to the crow's nest!

Learn about the featured birds:



**BOOBY** - Although this "foolish" bird looks awkward on land, it can dive from over 80 feet!



**GULL** - No pier is without the caw of these opportunistic feeders.



**OSPREY** - These "fish hawks" have pads for slippery prey and can see underwater.



**PELICANS** are coastal birds whose beak pouch can hold three gallons of water!



**PARRROT** - This colorful jungle bird might be a ship pet!



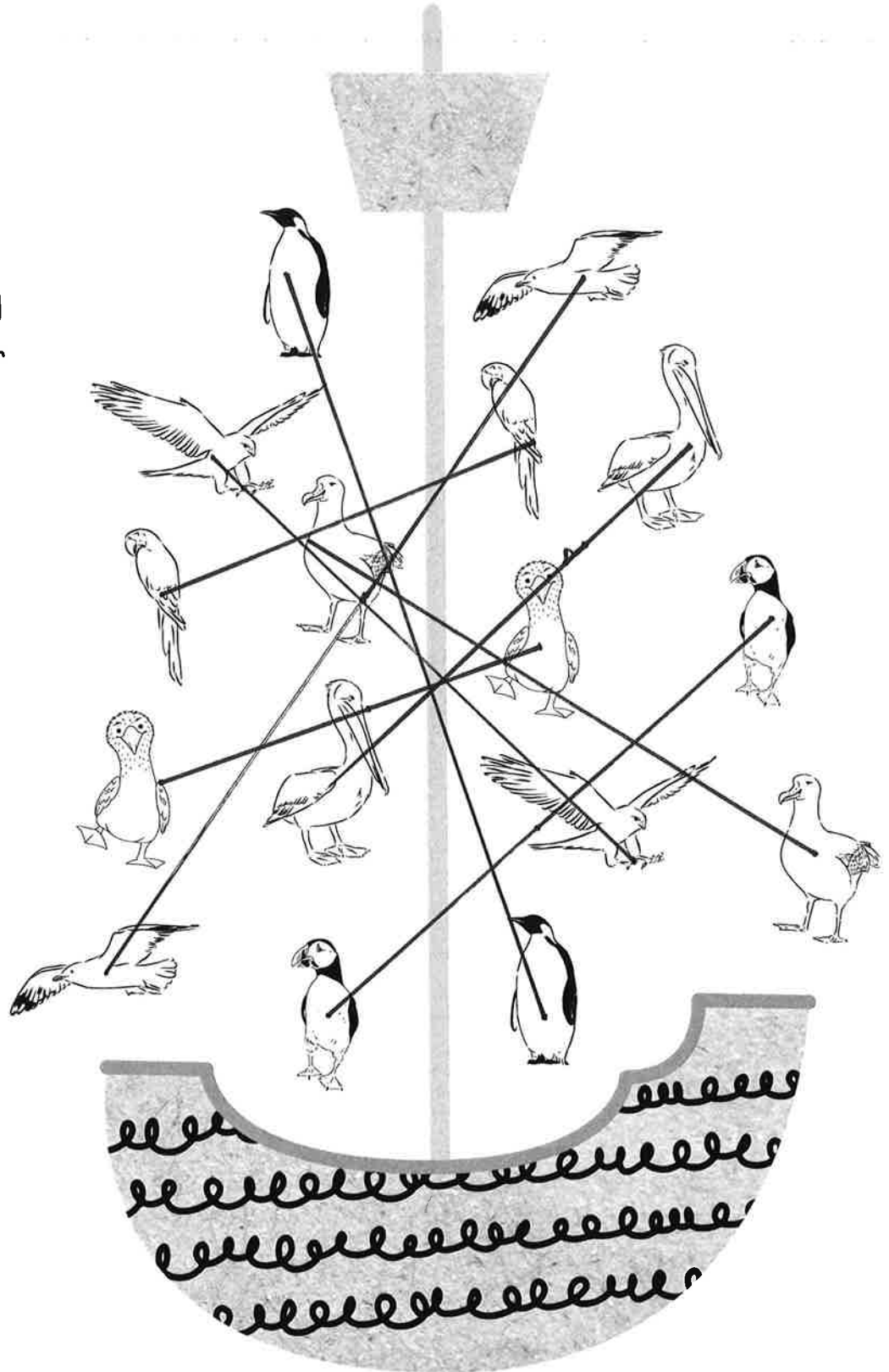
**PENGUINS** are flightless birds built for swimming and chasing fish underwater.



**PUFFINS** have colorful beaks and can beat their wings so fast they blur.



**WANDERING ALBATROSS** can travel for hours without even flapping their wings. Its wingspan can reach more than 11 feet!





How fast are we going? 21 knots

# KNOT-A-COOL

Complete the math problems below. Use your answer from each problem to color in the same number of knots on the rope at the bottom. When you are finished, count the number of knots colored in on the rope to see how fast our ship is sailing!

The term "knot" dates from the 17th century, when sailors measured the speed of their ship using a rope with knots tied at regular intervals.

$20-19=$  1

$25-23=$  2

$3+0+1=$  4

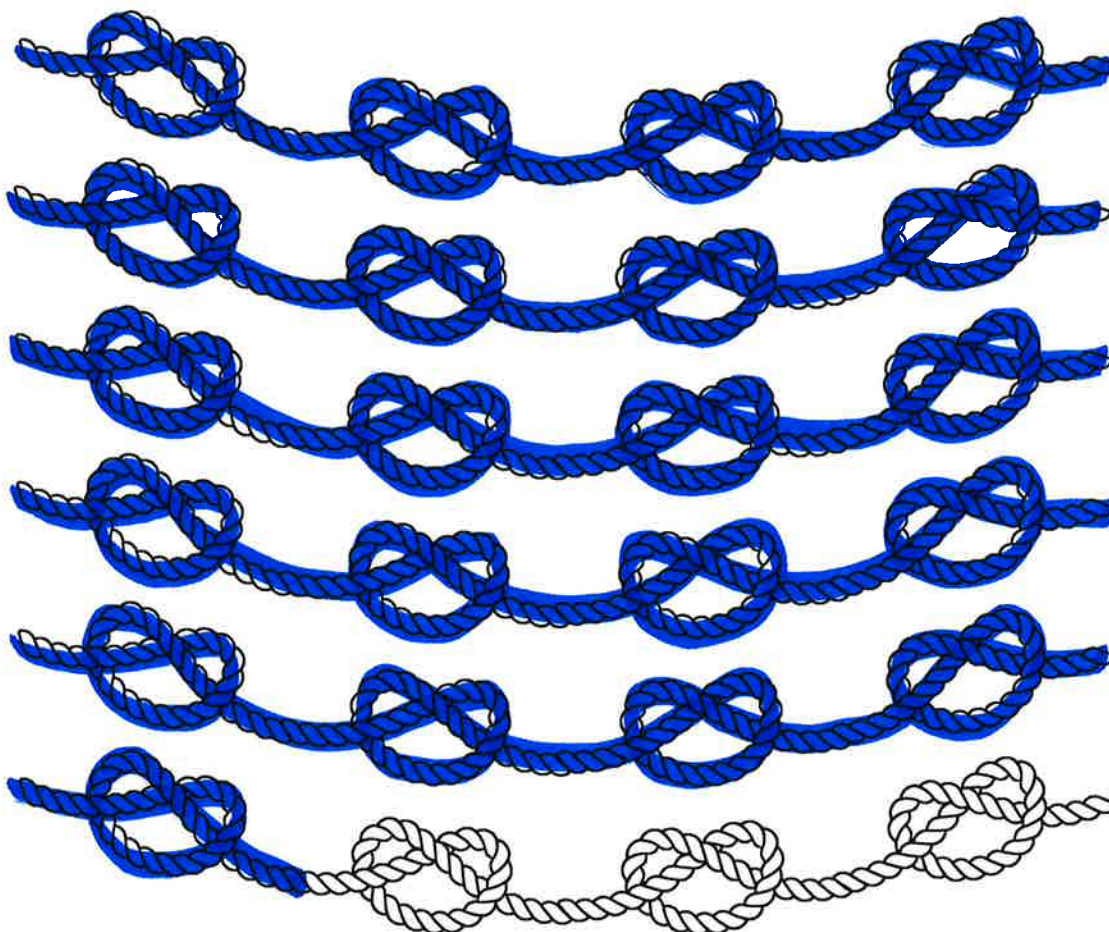
$31-28=$  3

$420-418=$  2

$87-85=$  2

$1+2+0+1=$  4

$30-27=$  3

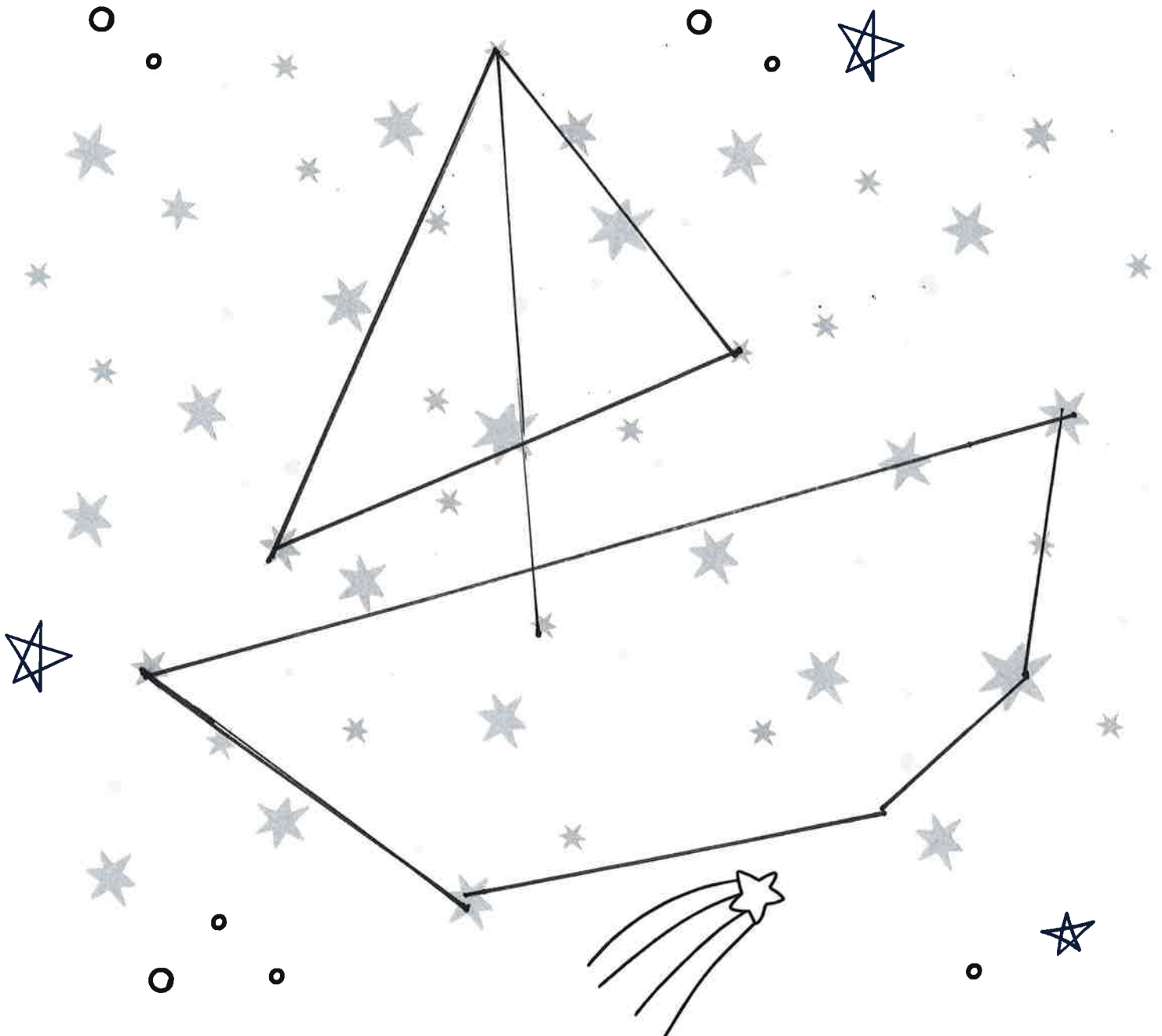




# ALIGNING the STARS

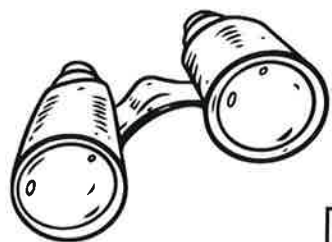
Using the stars below, try to create your own constellation. First look for patterns in the stars. Then draw straight lines between some of them to make a shape. Name your constellation!

For centuries, humans have looked up in the night sky and found patterns within the stars. We call these patterns constellations. You might know some, like the Big Dipper and Little Dipper!





## CROSSWORD



### ACROSS

1. Super glasses for distance
3. Has fins and teeth
4. A small vessel used for emergencies
7. Fin friends
8. Shows where to go
11. Something you work hard to earn
13. .... goodbye
17. You'll need to read for 45 hours to complete this .....
19. Underwater animal village
20. Large body of salt water
21. Caused by moon's gravitational pull

### DOWN

2. Eight-armed animal
3. Lightning and thunder
5. Friendly giants of the sea
6. Instrument that points north
9. Ability to wait for a long time
10. Works on a ship
12. Playful mammal with flippers
14. Do your best
15. Sailors call this hardtack, but you might eat one with gravy
16. Seasoning used to preserve food
18. Hard work