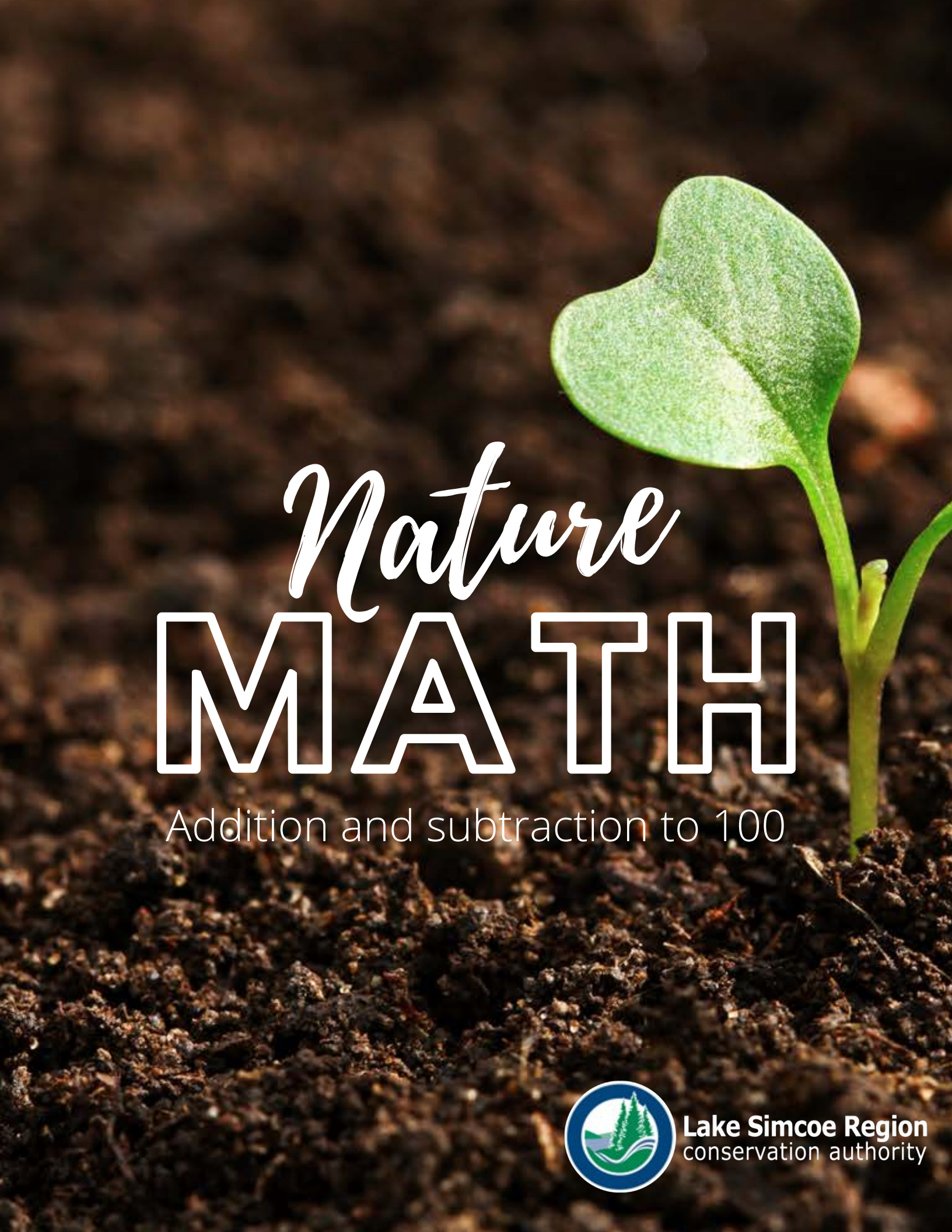

Nature MATH

Addition and subtraction to 100

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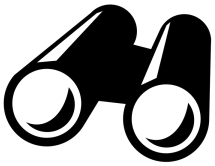
Nature MATH

Naturalist Supplies

Your family has decided to buy some supplies to help you explore in nature! You have $100 to spend. Decide which of the supplies below you would like purchase with $100, and then fill in the order form.

Magnifying Glass
$4



Binoculars
$22

Backpack
$15

Daily Pass for Conservation Areas
$6

Trail Mix
$4

Annual Pass for Conservation Areas
$50

Camera
$70

Field Guide
$12

New Hiking Boots
$20

Item	Price
Total Cost	

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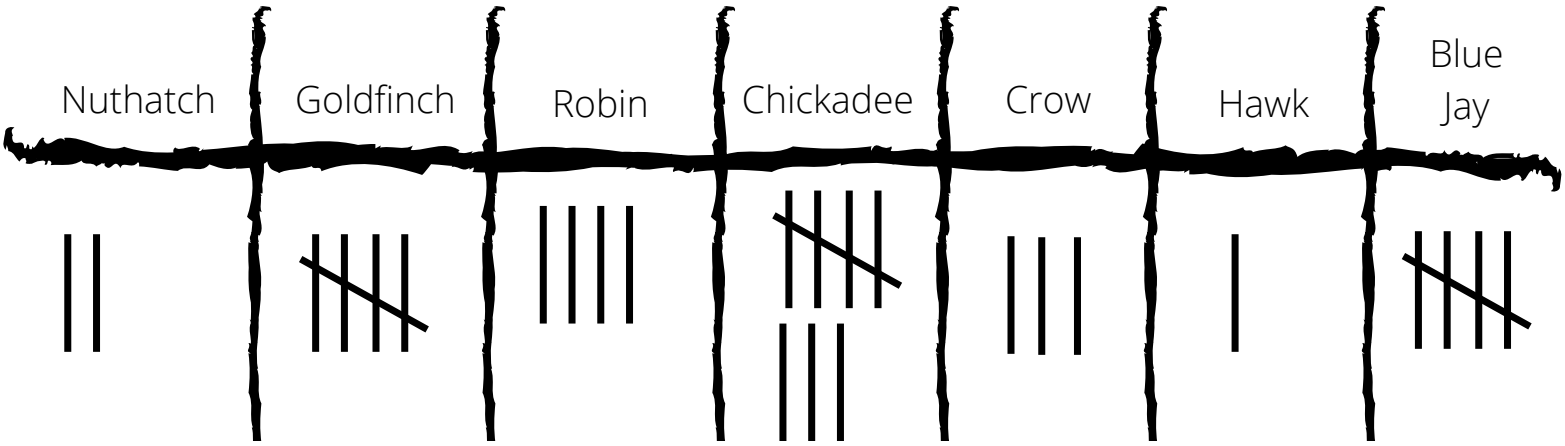
Nature MATH

Tweet Tally Tweet!

While birdwatching, you decide to keep a tally of all the birds you spotted. Use your tally to answer the questions below.



Which bird did you see the most of? Which bird did you see the least of?

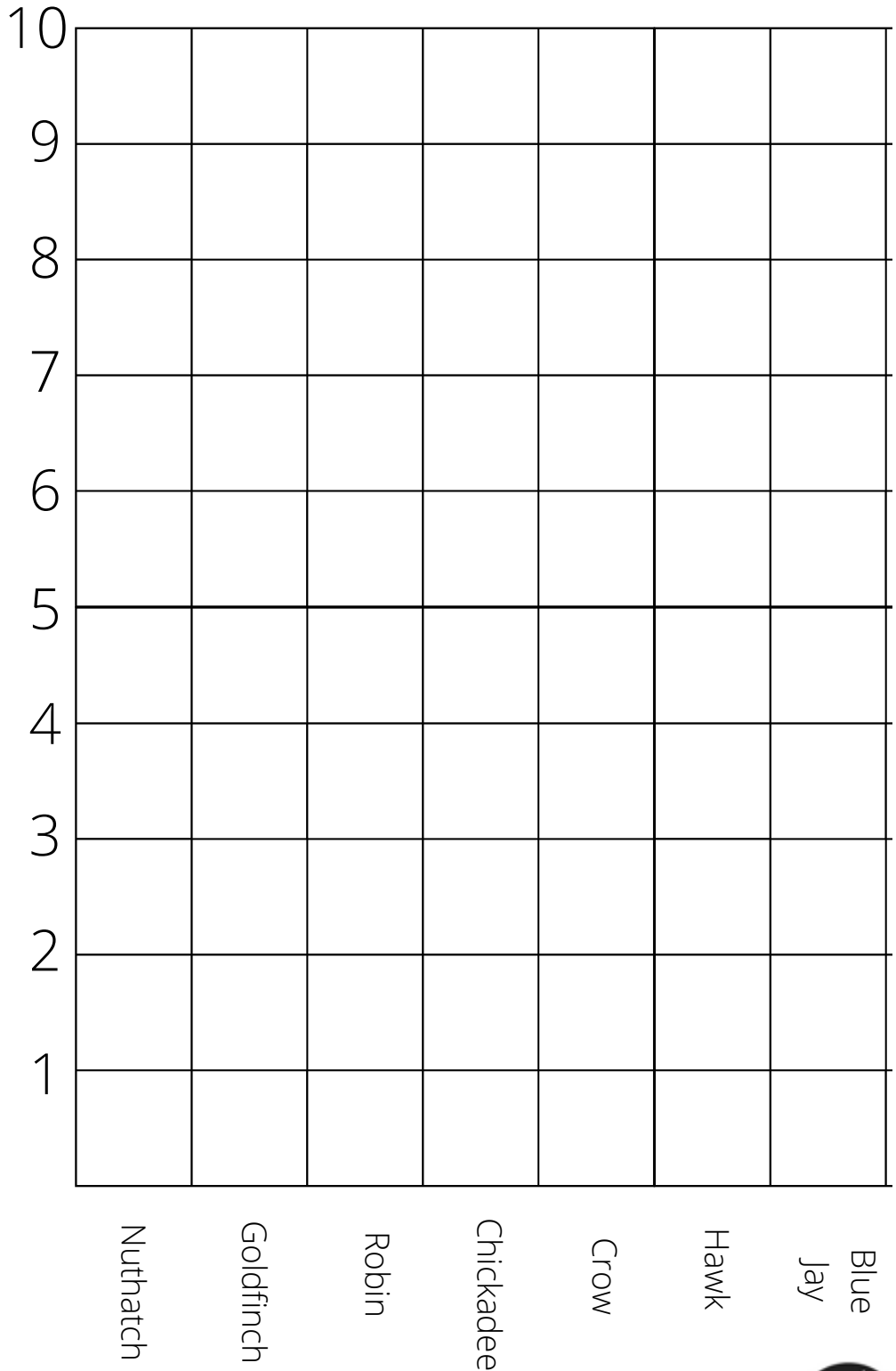
How many birds did you see in total?

How many more small birds (nuthatches, chickadees, goldfinches) did you see than large birds (robins, crows, hawks and blue jays)

Nature MATH

Tweet Tally Tweet!

Using your bird tally from the last page, fill in the a bar graph below.



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Nature MATH

Who's that bird?

While walking in the forest at Scanlon Creek you see a spectacular bird. It is making a call that sounds like "Yank Yank! Yank Yank!". Crack the code to reveal what species of bird you've spotted.

A: 43	H: 54	O: 23	V: 9
B: 27	I: 8	P: 90	W: 25
C: 89	J: 99	Q: 49	X: 94
D: 4	K: 21	R: 81	Y: 7
E: 50	L: 38	S: 37	Z: 100
F: 72	M: 62	T: 58	
G: 33	N: 45	U: 66	

_____	_____	_____
38 + 43	86 - 36	68 - 64

_____	_____	_____	_____	_____	_____	_____	_____
12 + 15	91 - 10	20 + 30	18 + 25	77- 41	29 + 29	20 + 30	20 -16

_____	_____	_____	_____	_____	_____	_____	_____
15+15+15	40+26	25+33	68 -14	99 - 56	52 + 6	100 - 11	54 + 0

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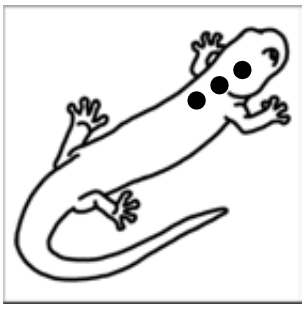
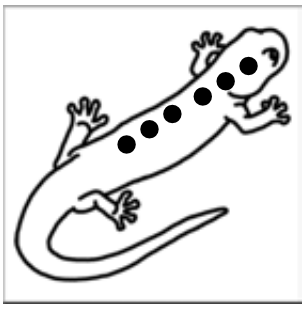
Nature MATH

Salamander Spotting

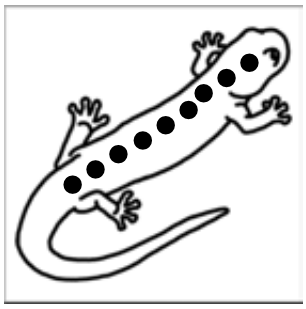
Cool! You found three salamanders under a log. You notice a growing pattern with the salamander's spots. Draw the amount of spots you would expect to find on a fourth salamander in the same pattern.



Salamander 1
3 Spots



Salamander 2
___ Spots

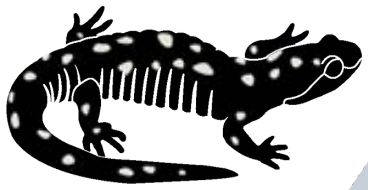


Salamander 3
___ Spots

Salamander 4
___ Spots

You decide to measure the three salamanders and record the results.

	Length
Salamander 1	8 cm
Salamander 2	12 cm
Salamander 3	7 cm



What is the difference in length between the largest and smallest salamander?

How long would all three salamanders be in total?

Nature MATH

Wetland Wonders

You've come across an amazing wetland. You can't see them, but you can HEAR many different animals all around you. Use the code from your field guide to learn what animals are making all the different noises and calls.

13 = Spring Peeper 

19 = American Toad 

9 = American Bullfrog 

6 = Green Frog 

98 = American Bittern

57 = Red winged blackbird 

PEEP! PEEP!
21 - 8

long loud musical trill
24 - 5

jug-o rummm!
84 - 75

Konk-la-REE!
12 + 45

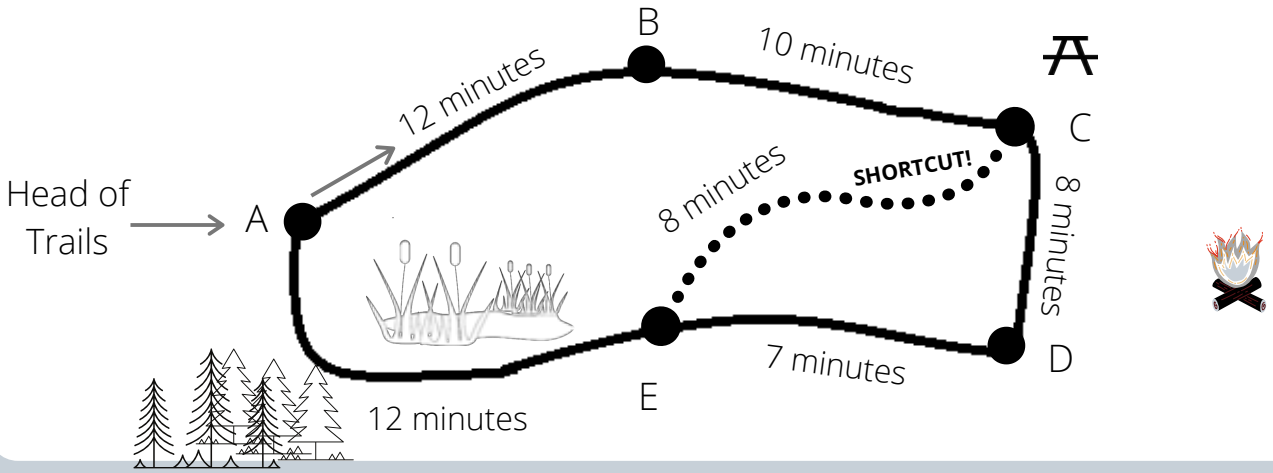
sounds like a banjo string
55 - 49

Glonk-a-glonk
38 + 60

Nature MATH

Take a Hike!

You discover a new conservation area to go explore! Use the map below to answer the questions.



How long would it take your family to hike the entire trail loop? No shortcuts!

If you took the shortcut from point C to point E, would you save time? How much time?

Your family decides to have picnic at point C for 30 minutes. How long would your hike, including the picnic, take? You can choose any route back from point C that you'd like!

Nature MATH

Take a Hike!

The scenery is really beautiful between point B and C, so one of your family members suggests slowing down to enjoy it. Walking slowly takes you TWICE as long as normal. How long does it take you to get from point B to point C while walking slowly?

You and some friends decide to have a running race from point A to point C. Here are the results:

You: 14 minutes
Trevor: 21 minutes
Charlotte: 18 minutes
Hunter: 12 minutes

Who came in
First: _____
Second: _____
Third: _____
Fourth: _____

What was the difference in time between the person who came in first and the person who came in fourth?

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Nature MATH

Poison Ivy Path

Uh oh! You've come across a large field with a lot of patches of poison ivy. The trouble is...your backpack with your snacks are on the other side! Solve the addition and subtraction problems to determine which squares are safe to travel through. Mark any unsafe squares with an X.

Safe Squares: = 12, 27, 30, 36, 56, 86
Unsafe Squares: everything else!

Start

14 + 65	12 + 24	65 - 8	28 + 3	72 - 48
41 - 28	48 - 21	80 - 72	8 + 4	4 - 3
99 - 28	99 - 28	2 + 81	18 + 22	37 + 61
20 + 30	96 - 60	28 + 28	88 - 2	67 + 11
65 - 22	8 + 78	51 - 31	40 + 40	72 + 53

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Nature MATH

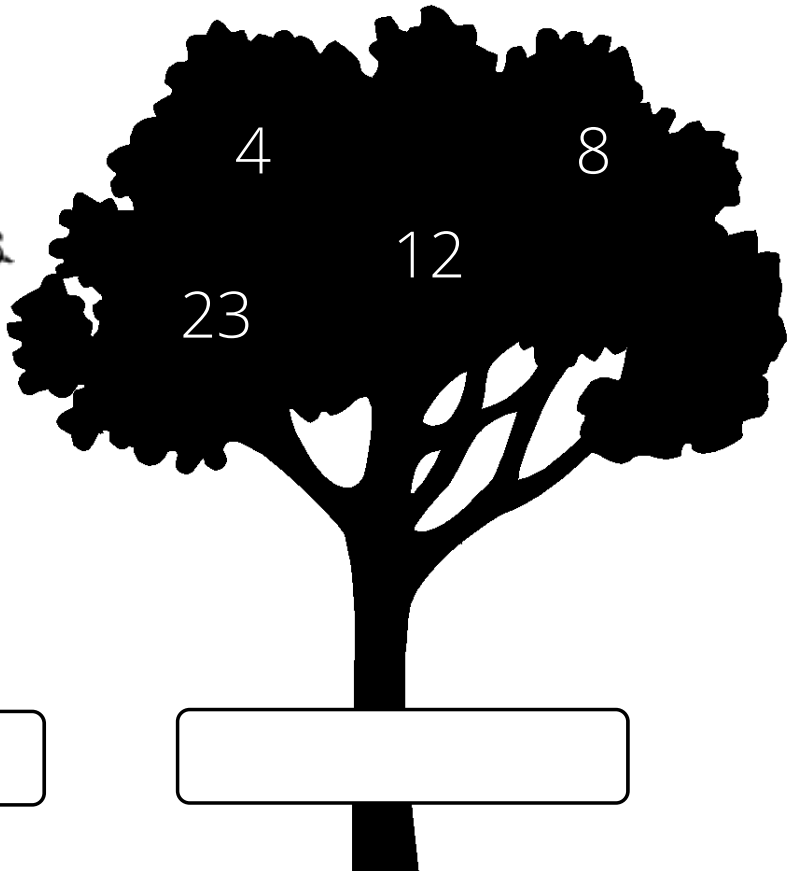
TREEmendous Math!

Trees are everywhere around you when you hike in the forest. There are many different types of trees. Add all the numbers in each tree together, then use your field guide to label the trees.

60 = White Pine

51 = Balsam Fir

47 = Red Oak



Nature MATH

We hope you enjoyed this resource! For more resources to support distance learning visit:

https://www.lsrca.on.ca/education/online-learning

or join our facebook group "Outdoor Learning with LSRCA"

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