

# THE CAMPING TRIP

## AN ADDITION AND SUBTRACTION PROJECT

ADDITION AND SUBTRACTION WITHIN 100

Incorporate practical application of addition and subtraction concepts to help your students make real-life connections!



**CREATED BY SHELLEY GRAY**

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# TASK

#|

# CAMPING SUPPLIES

Your family has decided to start camping! But first you'll need to buy some supplies!

You already have a tent, but you have \$75 to spend on other supplies. Decide which supplies you will purchase with your \$75.



TENT: \$150



MATCHES (package of 50): \$5



BACKPACK: \$20



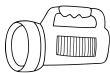
BINOCULARS: \$10



LANTERN: \$12



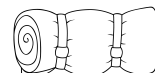
KNIFE: \$6



FLASHLIGHT: \$8



FRYING PAN: \$15



SLEEPING BAG: \$25

Fill out the order form:

ITEM NAME	COST
TOTAL COST	

# TASK

## #2

# CAMPSITE PLANNING

Altogether there are six families coming on your camping trip!  
Let's figure out the best group camping site for everyone.

This chart shows the families that will be coming on the camping trip.

FAMILY NAME	NUMBER OF PEOPLE	WHAT EQUIPMENT ARE THEY BRINGING?
Watson	4	small camper
Smith	6	2 tents
Taylor	5	1 tent
Anderson	7	large camper
Wilson	2	1 tent
Jones	4	1 tent

There are four group camping sites available. Choose the one that will work best for this group.

### SITE #24 \$12 per night per family

- Fits 20-30 people
- No more than 1 camper allowed
- Two large fire pits included



### SITE #12 \$11 per night per family

- Fits 10-20 people
- No tents allowed
- Large fire pit included



### SITE #9 \$10 per night per family

- Fits up to 25 people
- Campers and tents allowed
- Large fire pit included



### SITE #17 \$15 per night per family

- Fits 25-30 people
- Campers and tents allowed
- Two large fire pits included



Which campsite will work best for this group? \_\_\_\_\_

What is the cost of this campsite? \$\_\_\_\_\_ per night per family

What is the total cost for all 6 families for ONE night?

# TASK

## #3

# GROCERY SHOPPING

You're in charge of grocery shopping for your family. What will you buy?

### Grocery Store Price List

Item	Cost
hot dog buns	\$2.00/dozen
wieners/hot dogs	\$3.00/dozen
hamburger buns	\$2.00/dozen
hamburger patties	\$6.00/dozen
BBQ sauce	\$1.00
fresh cherries	\$6.00/bag
bread	\$3.00

Item	Cost
s'more kit	\$8.00/kit
potato chips	\$3/bag
watermelon	\$4.00
vegetables and dip	\$5.00/bag
bacon	\$4.00
eggs	\$2.00/dozen
juice	\$2.00/carton

Suppose that you have \$50.00 to spend on groceries. There are four people in your family and you will be camping for 2 nights. Make a list of what you can buy with your \$50.00. Remember to include the quantity of each item.

TOTAL GROCERY COST

# TASK

## #4

# SETTING UP THE SITE

You've arrived at the campground and now it's time to set up your campsite!

It is 4:00 pm and the group wants to start cooking supper at 5:00 pm. Can you have everything set up by 5:00 pm? Let's figure it out!

Task	How long will it take?
unload bicycles	7 minutes
unpack the vehicle	12 minutes
set up the tent	13 minutes
organize the inside of the tent	15 minutes
arrange picnic table and food storage	5 minutes

Altogether, how long does it take to set up the campsite?

Will you be finished setting up by 5:00 pm?

After supper, it's time to get wood for the bonfire area. The good news is that the fire wood is close by and you won't have to walk far to get it! You grab the wagon and get ready to start hauling wood! Altogether you will need 50 logs to last for the weekend.



On the first trip to the firewood storage, you haul 11 logs. Now how many more do you need?



On the second and third trip you are able to haul 10 logs (on each trip). After the third trip is complete, how many more do you need?



You will make two more trips for wood. How many logs could you take on the fourth and fifth trips to make sure that you have 50 in all?

# TASK

## #5

# S'MORES

It's not a bonfire without s'mores! Crack the code to reveal the instructions for making a s'more!



A: 45	F: 20	K: 65	P: 9	U: 90	Z: 44
B: 18	G: 100	L: 15	Q: 3	V: 75	
C: 34	H: 10	M: 56	R: 36	W: 84	
D: 60	I: 80	N: 4	S: 73	X: 11	
E: 28	J: 98	O: 77	T: 52	Y: 41	



$$\frac{26+0}{\quad} \quad \frac{80-3}{\quad} \quad \frac{21+24}{\quad} \quad \frac{40+33}{\quad} \quad \frac{25+27}{\quad} \quad \frac{55-10}{\quad}$$

$$\frac{45+11}{\quad} \quad \frac{59-14}{\quad} \quad \frac{30+6}{\quad} \quad \frac{80-7}{\quad} \quad \frac{7+3}{\quad} \quad \frac{60-4}{\quad} \quad \frac{29+16}{\quad} \quad \frac{21-6}{\quad} \quad \frac{9+6}{\quad} \quad \frac{55+22}{\quad} \quad \frac{100-16}{\quad}$$

$$\frac{75+15}{\quad} \quad \frac{90-86}{\quad} \quad \frac{62-10}{\quad} \quad \frac{30+50}{\quad} \quad \frac{20-5}{\quad} \quad \frac{35+45}{\quad} \quad \frac{32+20}{\quad} \quad \frac{93-20}{\quad}$$

$$\frac{50+50}{\quad} \quad \frac{90-13}{\quad} \quad \frac{30-15}{\quad} \quad \frac{40+20}{\quad} \quad \frac{15+13}{\quad} \quad \frac{84-80}{\quad} \quad \frac{9+9}{\quad} \quad \frac{24+12}{\quad} \quad \frac{30+47}{\quad} \quad \frac{64+20}{\quad} \quad \frac{15-11}{\quad}$$



$$\frac{75-2}{\quad} \quad \frac{38-10}{\quad} \quad \frac{55-3}{\quad} \quad \frac{25+55}{\quad} \quad \frac{25+27}{\quad} \quad \frac{79-2}{\quad} \quad \frac{65-61}{\quad} \quad \frac{13+32}{\quad}$$

$$\frac{40-6}{\quad} \quad \frac{40-4}{\quad} \quad \frac{56-11}{\quad} \quad \frac{24+10}{\quad} \quad \frac{53+2}{\quad} \quad \frac{48-20}{\quad} \quad \frac{26+10}{\quad}$$



$$\frac{49-4}{\quad} \quad \frac{56+4}{\quad} \quad \frac{90-30}{\quad} \quad \frac{15+19}{\quad} \quad \frac{85-75}{\quad} \quad \frac{70+7}{\quad} \quad \frac{36-2}{\quad} \quad \frac{20+57}{\quad} \quad \frac{40-25}{\quad} \quad \frac{30+15}{\quad} \quad \frac{62-10}{\quad} \quad \frac{60-32}{\quad}$$

$$\frac{21+24}{\quad} \quad \frac{34-30}{\quad} \quad \frac{70-10}{\quad} \quad \frac{59-14}{\quad} \quad \frac{99-95}{\quad} \quad \frac{99-22}{\quad} \quad \frac{35+17}{\quad} \quad \frac{76-66}{\quad} \quad \frac{20+8}{\quad} \quad \frac{18+18}{\quad}$$

$$\frac{44-10}{\quad} \quad \frac{56-20}{\quad} \quad \frac{100-55}{\quad} \quad \frac{85-51}{\quad} \quad \frac{39+26}{\quad} \quad \frac{38-10}{\quad} \quad \frac{21+5}{\quad}$$



$$\frac{100-72}{\quad} \quad \frac{26-22}{\quad} \quad \frac{67+31}{\quad} \quad \frac{25+52}{\quad} \quad \frac{50-9}{\quad} \quad !$$

# TASK

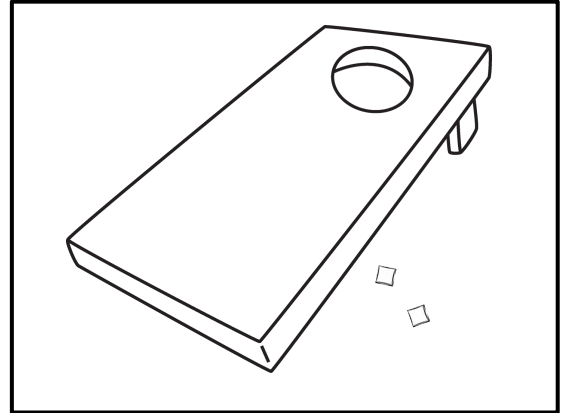
#6

# TIME FOR GAMES

There are lots of outdoor games to play while you are camping. You and a few of the others set up three different games to play.

First up – the bean bag toss! In this game, there are three different ways to get points:

- Bean bag goes in the hole: **10 points**
- Bean bag lands on the platform, but doesn't go in the hole: **5 points**
- Bean bag touches the platform but lands on the ground: **2 points**



Each of the four teams chooses a name and they play an intense round! Here are the results:

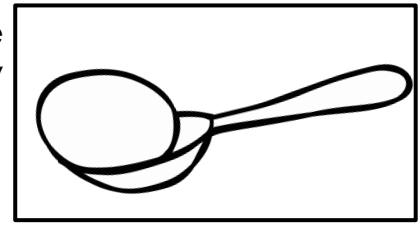
TEAM NAME	2 point shots	5 point shots	10 point shots	Total Points
Team Awesome	###	###		
The Terrifying Taylors		###	###	
Team Anderson	###	### ###		
The Watson Warriors	###		###	

Use the tally chart to answer the questions:

1. Which team won the bean bag toss? \_\_\_\_\_
2. How many more points did Team Anderson get than The Watson Warriors?  
\_\_\_\_\_
3. The Watson Warriors were really hoping to get 100 points. What shots could they have made in order to increase their score to 100?



The second game is an egg and spoon relay race! There are three people on each team. Each person must carry the egg (on the spoon) around the tree and back. If the egg falls, that person has to start over again! The team with the shortest time wins!



Here are the results from the relay race. Rank each team from 1<sup>st</sup> place to 4<sup>th</sup> place.

TEAM NAME	RELAY TIME	PLACE (1 <sup>st</sup> to 4 <sup>th</sup> )
Team Awesome	68 seconds	
The Terrifying Taylors	54 seconds	
Team Anderson	73 seconds	
The Watson Warriors	95 seconds	

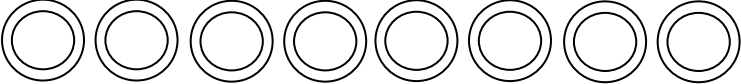
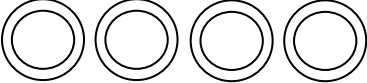
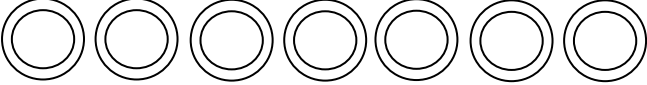
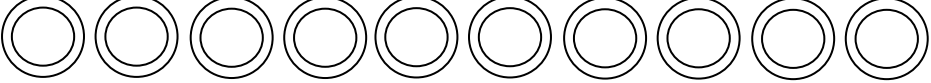
Use the chart to answer the questions:

1. What was the difference in time between the first place and fourth place teams? \_\_\_\_\_
2. How much faster were The Terrifying Taylors than Team Anderson?  
\_\_\_\_\_
3. On Team Awesome, the first person took 21 seconds to get around the tree and back. The second person took 24 seconds. How long did it take for the last person to go around the tree and back?  
  
\_\_\_\_\_

4. By how many seconds did the Terrifying Taylors win the egg and spoon race? \_\_\_\_\_

The last game that you set up is the ring toss. For every ring that lands on a bottle, the team gets 5 points.

This picture graph shows the results from the ring toss game:

TEAM NAME	Number of Rings on Bottles
Team Awesome	
The Terrifying Taylors	
Team Anderson	
The Watson Warriors	

Use the chart to answer the questions:

1. How many points did each team get?

Team Awesome: \_\_\_\_\_

The Terrifying Taylors: \_\_\_\_\_

Team Anderson: \_\_\_\_\_

The Watson Warriors: \_\_\_\_\_

2. How many points did The Watson Warriors and Team Anderson get in all?

3. How many more points did Team Awesome get than The Terrifying Taylors?

# TASK

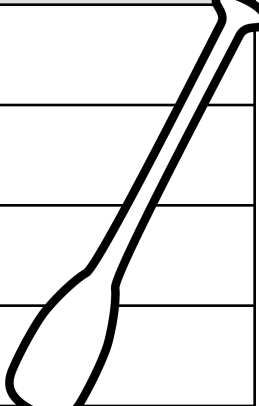
#7

## CANOE RENTALS

It's a beautiful day so you decide to go canoeing! Let's go to the local canoe rental shop!

### Carl's Canoe Shop: Price List

Small canoe rental	\$5 for 30 minutes
Large canoe rental	\$8 for 30 minutes
Lifejacket rental	\$3
Photo Opportunity	\$10 per picture



Four of the families from your group are going to rent canoes and supplies. Find the total cost for each family:

### Smith

1 small canoe (30 minutes)

1 large canoe (1 hour)

6 lifejackets

Total Cost

### Jones

1 large canoe (30 minutes)

4 lifejackets

1 photo opportunity

Total Cost

## Anderson

1 large canoe (1 hour)

2 small canoes (1 hour)

7 lifejackets

3 photo opportunities

Total Cost

## Wilson

1 large canoe (30 minutes)

2 lifejackets

2 photo opportunities

Total Cost

Answer the questions:

1. Which family spent the most money at Carl's Canoe Shop? \_\_\_\_\_  
\_\_\_\_\_
2. The Wilsons forgot their money back at the campsite! Not to worry though, Mrs. Jones says that she will pay for them. Altogether, how much will Mrs. Jones be paying for her family and the Wilsons?

3. How much more money did the Andersons spend than the Smiths?

# TASK

#8

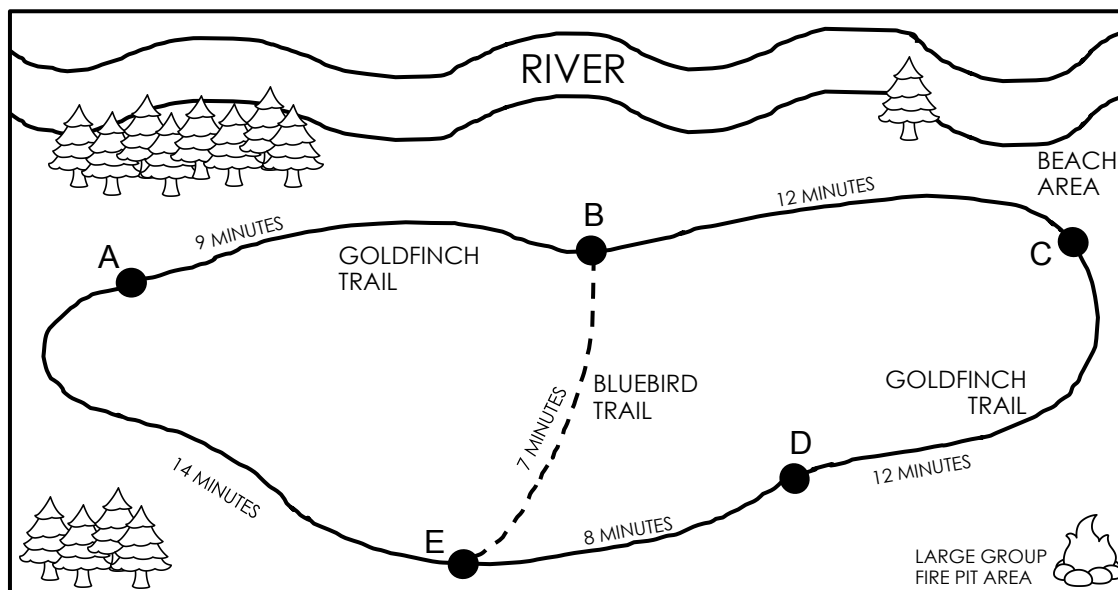
## GOING FOR A HIKE

The campground has a popular hiking trail. Everyone decides to go on a group hike.

First of all, you'll need a map.

### CARL'S CAMPGROUND HIKING MAP

We hope you're enjoying your stay at Carl's Campground! Our hiking trail is one of the most popular trails around! Here is a handy dandy map with estimated walking times included. Enjoy your hike!



Use the map to answer the questions:

1. The group starts at Point A. If they take Goldfinch Trail all the way around and back to Point A, how many minutes will it take?

2. Two of the group members want to take the shortcut (Bluebird Trail) rather than taking Goldfinch Trail all the way. How many minutes will it take them if they begin and end at Point A?

3. One of the girls hurt her leg and it is taking TWICE the amount of time to walk the trail. How long will it take her to walk from Point A to Point D?

4. A few of the group members decide to stop at the Beach area for a 10 minute rest. How many minutes will they walk BEFORE stopping to rest?

How many minutes will they walk AFTER stopping to rest?

Including the rest at the beach, how long will their hike be in all?

**THINK FAST!**



The trail is also popular for joggers and the campground owner has asked YOU to test out the jogging time for Goldfinch Trail. Here are the times that you record:

Point A to Point B: 6 minutes

Point B to Point C: 9 minutes

Point C to Point D: 9 minutes

Point D to Point E: 6 minutes

Point E to Point A: 10 minutes

How long did it take you to jog all the way around the trail?

# TASK

#9

# BIRD WATCHING

As you hike, you decide to graph all of the different birds that you see.

## BIRDS SEEN DURING HIKE

seagull	wren	warbler	woodpecker	pheasant	crow

\*\*EACH SHADED SPACE REPRESENTS 4 BIRDS

How many of each type of bird was seen?

seagull: \_\_\_\_\_ wren: \_\_\_\_\_ warbler: \_\_\_\_\_

woodpecker: \_\_\_\_\_ pheasant: \_\_\_\_\_ crow: \_\_\_\_\_

Answer the questions:

1. Altogether, how many crows, wrens, and seagulls did you see?

2. How many more crows than wrens and warblers did you see?


# TASK

## #10

# GOING FOR ICE CREAM

After the hike you're starving! Let's go to the campground ice cream shop!

When your group arrives at the ice cream shop, your Uncle Doug says that he's buying the ice cream for EVERYONE! How generous! First you take a look at the menu.

Campground Ice Cream Shop <i>The best ice cream around or your money back!</i>		<u>Flavors:</u> Vanilla Chocolate Rocky Road Cookie Dough 
Single Scoop (regular cone)	\$2	
Double Scoop (regular cone)	\$3	
Triple Scoop (regular cone)	\$4	
Waffle Cone	add an extra \$1 to the price	


While you decide what you want, the employees at the ice cream shop serve the people ahead of you in line. What is the total for each of their bills?

### ORDER #1

- 2 single scoop vanilla (regular cone)
- 1 triple scoop rocky road (waffle cone)
- 1 double scoop cookie dough (regular cone)

TOTAL ORDER AMOUNT: \_\_\_\_\_

CUSTOMER PAID: \$20


CHANGE GIVEN: \_\_\_\_\_ 

### ORDER #2

- 1 single scoop cookie dough (regular cone)
- 1 triple scoop cookie dough (waffle cone)

TOTAL ORDER AMOUNT: \_\_\_\_\_

CUSTOMER PAID: \$20


CHANGE GIVEN: \_\_\_\_\_ 

### ORDER #3

- 1 double scoop chocolate (waffle cone)
- 1 double scoop vanilla (waffle cone)

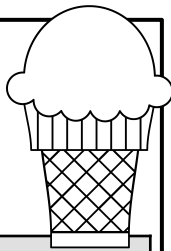
TOTAL ORDER AMOUNT: \_\_\_\_\_

CUSTOMER PAID: \$10

CHANGE GIVEN: \_\_\_\_\_ 



Now it's your group's turn to be served! The servers at the ice cream shop are quick and get all 28 of your ice cream cones done right away! Now it's time to figure out the total amount for all of it! The server fills out this order form:



### ORDER FORM

Quantity	Type of Cone	Cost per Cone	Total Cost
3	single-scoop chocolate (regular cone)		
5	single-scoop chocolate (waffle cone)		
1	triple-scoop cookie dough (waffle cone)		
4	double-scoop chocolate (waffle cone)		
10	single-scoop vanilla (regular cone)		
3	double-scoop vanilla (regular cone)		
2	double-scoop rocky road (waffle cone)		
TOTAL COST OF ALL CONES			

Uncle Doug pays with a \$100 bill. How much change will he get back?

# **ANSWER KEYS**

## TASK

#1

## CAMPING SUPPLIES

Your family has decided to start camping! But first you'll need to buy some supplies!

You already have a tent, but you have \$75 to spend on other supplies. Decide which supplies you will purchase with your \$75.



TENT: \$150



MATCHES (package of 50): \$5



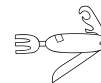
BACKPACK: \$20



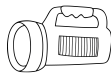
BINOCULARS: \$10



LANTERN: \$12



KNIFE: \$6



FLASHLIGHT: \$8



FRYING PAN: \$15



SLEEPING BAG: \$25

Fill out the order form:

ITEM NAME	COST
TOTAL COST	

ANSWERS WILL VARY

## TASK

#2

## CAMPSITE PLANNING

Altogether there are six families coming on your camping trip!  
Let's figure out the best group camping site for everyone.

This chart shows the families that will be coming on the camping trip.

FAMILY NAME	NUMBER OF PEOPLE	WHAT EQUIPMENT ARE THEY BRINGING?
Watson	4	small camper
Smith	6	2 tents
Taylor	5	1 tent
Anderson	7	large camper
Wilson	2	1 tent
Jones	4	1 tent

There are four group camping sites available. Choose the one that will work best for this group.

## SITE #24 \$12 per night per family

- Fits 20-30 people
- No more than 1 camper allowed
- Two large fire pits included



## SITE #12 \$11 per night per family

- Fits 10-20 people
- No tents allowed
- Large fire pit included



## SITE #9 \$10 per night per family

- Fits up to 25 people
- Campers and tents allowed
- Large fire pit included



## SITE #17 \$15 per night per family

- Fits 25-30 people
- Campers and tents allowed
- Two large fire pits included



Which campsite will work best for this group? Site #17 will work best.

Which is the cost of this campsite? \$ 15 per night per family

What is the total cost for all 6 families for ONE night?

$$15+15+15+15+15+15=\underline{\$90}$$

## TASK

#3

## GROCERY SHOPPING

You're in charge of grocery shopping for your family. What will you buy?

## Grocery Store Price List

Item	Cost
hot dog buns	\$2.00/dozen
wieners/hot dogs	\$3.00/dozen
hamburger buns	\$2.00/dozen
hamburger patties	\$6.00/dozen
BBQ sauce	\$1.00
fresh cherries	\$6.00/bag
bread	\$3.00

Item	Cost
s'more kit	\$8.00/kit
potato chips	\$3/bag
watermelon	\$4.00
vegetables and dip	\$5.00/bag
bacon	\$4.00
eggs	\$2.00/dozen
juice	\$2.00/carton

Suppose that you have \$50.00 to spend on groceries. There are four people in your family and you will be camping for 2 nights. Make a list of what you can buy with your \$50.00. Remember to include the quantity of each item.

ANSWERS WILL VARY

TOTAL GROCERY COST

## TASK

#4

## SETTING UP THE SITE

You've arrived at the campground and now it's time to set up your campsite!

It is 4:00 pm and the group wants to start cooking supper at 5:00. Can you have everything set up by 5:00 pm? Let's figure it out!

Task	How long will it take?
unload bicycles	7 minutes
unpack the vehicle	12 minutes
set up the tent	13 minutes
organize the inside of the tent	15 minutes
arrange picnic table and food storage	5 minutes

Altogether, how long does it take to set up the campsite?

$$7+12+13+15+5=\underline{52 \text{ minutes}}$$

Will you be finished setting up by 5:00 pm?

Yes

After supper, it's time to get wood for the bonfire area. The good news is that the fire wood is close by and you won't have to walk far to get it! You grab the wagon and get ready to start hauling wood! Altogether you will need 50 logs to last for the weekend.



On the first trip to the firewood storage, you haul 11 logs. Now how many more do you need?

$$50-11=39$$

Now you need 39 more logs.



On the second and third trip you are able to haul 10 logs. After the third trip is complete, how many more do you need?

$$39-10-10=19$$

Now you need 19 more logs.



You will make two more trips for wood. How many logs could you take on the fourth and fifth trips to make sure that you have 50 in all?

Answers will vary. Here is one example:

You could take 10 logs on the 4<sup>th</sup> trip and 9 logs on the 5<sup>th</sup> trip.

## TASK

#5

## S'MORES

It's not a bonfire without s'mores! Crack the code to reveal the instructions for making a s'more!



A: 45	F: 20	K: 65	P: 9	U: 90	Z: 44
B: 18	G: 100	L: 15	Q: 3	V: 75	
C: 34	H: 10	M: 56	R: 36	W: 84	
D: 60	I: 80	N: 4	S: 73	X: 11	
E: 28	J: 98	O: 77	T: 52	Y: 41	



$$\begin{array}{r} R \\ \hline 26+0 \end{array}$$

$$\begin{array}{r} O \\ \hline 80-3 \end{array}$$

$$\begin{array}{r} A \\ \hline 21+24 \end{array}$$

$$\begin{array}{r} S \\ \hline 40+33 \end{array}$$

$$\begin{array}{r} T \\ \hline 25+27 \end{array}$$

$$\begin{array}{r} A \\ \hline 55-10 \end{array}$$

$$\begin{array}{r} M \\ \hline 45+11 \end{array}$$

$$\begin{array}{r} A \\ \hline 59-14 \end{array}$$

$$\begin{array}{r} R \\ \hline 30+6 \end{array}$$

$$\begin{array}{r} S \\ \hline 80-7 \end{array}$$

$$\begin{array}{r} H \\ \hline 7+3 \end{array}$$

$$\begin{array}{r} M \\ \hline 60-4 \end{array}$$

$$\begin{array}{r} A \\ \hline 29+16 \end{array}$$

$$\begin{array}{r} L \\ \hline 21-6 \end{array}$$

$$\begin{array}{r} L \\ \hline 9+6 \end{array}$$

$$\begin{array}{r} O \\ \hline 55+22 \end{array}$$

$$\begin{array}{r} W \\ \hline 100-16 \end{array}$$

$$\begin{array}{r} U \\ \hline 75+15 \end{array}$$

$$\begin{array}{r} N \\ \hline 90-86 \end{array}$$

$$\begin{array}{r} T \\ \hline 62-10 \end{array}$$

$$\begin{array}{r} I \\ \hline 30+50 \end{array}$$

$$\begin{array}{r} L \\ \hline 20-5 \end{array}$$

$$\begin{array}{r} I \\ \hline 35+45 \end{array}$$

$$\begin{array}{r} T \\ \hline 32+20 \end{array}$$

$$\begin{array}{r} S \\ \hline 93-20 \end{array}$$

$$\begin{array}{r} G \\ \hline 50+50 \end{array}$$

$$\begin{array}{r} O \\ \hline 90-13 \end{array}$$

$$\begin{array}{r} L \\ \hline 30-15 \end{array}$$

$$\begin{array}{r} D \\ \hline 40+20 \end{array}$$

$$\begin{array}{r} E \\ \hline 15+13 \end{array}$$

$$\begin{array}{r} N \\ \hline 84-80 \end{array}$$

$$\begin{array}{r} B \\ \hline 9+9 \end{array}$$

$$\begin{array}{r} R \\ \hline 24+12 \end{array}$$

$$\begin{array}{r} O \\ \hline 30+47 \end{array}$$

$$\begin{array}{r} W \\ \hline 64+20 \end{array}$$

$$\begin{array}{r} N \\ \hline 15-11 \end{array}$$



$$\begin{array}{r} S \\ \hline 75-2 \end{array}$$

$$\begin{array}{r} E \\ \hline 38-10 \end{array}$$

$$\begin{array}{r} T \\ \hline 55-3 \end{array}$$

$$\begin{array}{r} I \\ \hline 25+55 \end{array}$$

$$\begin{array}{r} T \\ \hline 25+27 \end{array}$$

$$\begin{array}{r} O \\ \hline 79-2 \end{array}$$

$$\begin{array}{r} N \\ \hline 65-61 \end{array}$$

$$\begin{array}{r} A \\ \hline 13+32 \end{array}$$

$$\begin{array}{r} C \\ \hline 40-6 \end{array}$$

$$\begin{array}{r} R \\ \hline 40-4 \end{array}$$

$$\begin{array}{r} A \\ \hline 56-11 \end{array}$$

$$\begin{array}{r} C \\ \hline 24+10 \end{array}$$

$$\begin{array}{r} K \\ \hline 53+2 \end{array}$$

$$\begin{array}{r} E \\ \hline 48-20 \end{array}$$

$$\begin{array}{r} R \\ \hline 26+10 \end{array}$$



$$\begin{array}{r} A \\ \hline 49-4 \end{array}$$

$$\begin{array}{r} D \\ \hline 56+4 \end{array}$$

$$\begin{array}{r} D \\ \hline 90-30 \end{array}$$

$$\begin{array}{r} C \\ \hline 15+19 \end{array}$$

$$\begin{array}{r} H \\ \hline 85-75 \end{array}$$

$$\begin{array}{r} O \\ \hline 70+7 \end{array}$$

$$\begin{array}{r} C \\ \hline 36-2 \end{array}$$

$$\begin{array}{r} O \\ \hline 20+57 \end{array}$$

$$\begin{array}{r} L \\ \hline 40-25 \end{array}$$

$$\begin{array}{r} A \\ \hline 30+15 \end{array}$$

$$\begin{array}{r} T \\ \hline 62-10 \end{array}$$

$$\begin{array}{r} E \\ \hline 60-32 \end{array}$$

$$\begin{array}{r} A \\ \hline 21+24 \end{array}$$

$$\begin{array}{r} N \\ \hline 34-30 \end{array}$$

$$\begin{array}{r} D \\ \hline 70-10 \end{array}$$

$$\begin{array}{r} A \\ \hline 59-14 \end{array}$$

$$\begin{array}{r} N \\ \hline 99-95 \end{array}$$

$$\begin{array}{r} O \\ \hline 99-22 \end{array}$$

$$\begin{array}{r} T \\ \hline 35+17 \end{array}$$

$$\begin{array}{r} H \\ \hline 76-66 \end{array}$$

$$\begin{array}{r} E \\ \hline 20+8 \end{array}$$

$$\begin{array}{r} R \\ \hline 18+18 \end{array}$$

$$\begin{array}{r} C \\ \hline 44-10 \end{array}$$

$$\begin{array}{r} R \\ \hline 56-20 \end{array}$$

$$\begin{array}{r} A \\ \hline 100-55 \end{array}$$

$$\begin{array}{r} C \\ \hline 85-51 \end{array}$$

$$\begin{array}{r} K \\ \hline 39+26 \end{array}$$

$$\begin{array}{r} E \\ \hline 38-10 \end{array}$$

$$\begin{array}{r} R \\ \hline 21+5 \end{array}$$



$$\begin{array}{r} E \\ \hline 100-72 \end{array}$$

$$\begin{array}{r} N \\ \hline 26-22 \end{array}$$

$$\begin{array}{r} J \\ \hline 67+31 \end{array}$$

$$\begin{array}{r} O \\ \hline 25+52 \end{array}$$

$$\begin{array}{r} Y \\ \hline 50-9 \end{array}$$

## TASK

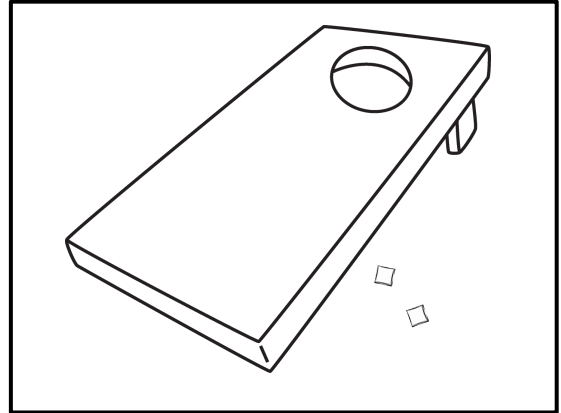
#6

## TIME FOR GAMES

There are lots of outdoor games to play while you are camping. You and a few of the others set up three different games to play.

First up – the bean bag toss! In this game, there are three different ways to get points:

- Bean bag goes in the hole: **10 points**
- Bean bag lands on the platform, but doesn't go in the hole: **5 points**
- Bean bag touches the platform but lands on the ground: **2 points**



Each of the four teams chooses a name and they play an intense round! Here are the results:

TEAM NAME	2 point shots	5 point shots	10 point shots	Total Points
Team Awesome	###	###		$18+35+40=93$
The Terrifying Taylors		###	###	$4+25+60=89$
Team Anderson	###	### ###		$12+50+30=92$
The Watson Warriors	###		###	$16+5+50=71$

Use the tally chart to answer the questions:

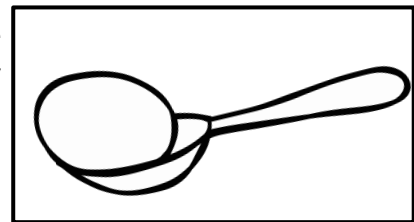
1. Which team won the bean bag toss? Team Awesome
2. How many more points did Team Anderson get than The Watson Warriors?  
 $92-71=21$  Team Anderson got 21 more points than The Watson Warriors.
3. The Watson Warriors were really hoping to get 100 points. What shots could they have made in order to increase their score to 100?

$100-71=29$  more points needed

Answers may vary but they could have gotten two 10-point shots, one 5-point shot, and two 2-point shots.



The second game is an egg and spoon relay race! There are three people on each team. Each person must carry the egg (on the spoon) around the tree and back. If the egg falls, that person has to start over again! The team with the shortest time wins!



Here are the results from the relay race. Rank each team from 1<sup>st</sup> place to 4<sup>th</sup> place.

TEAM NAME	RELAY TIME	PLACE (1 <sup>st</sup> to 4 <sup>th</sup> )
Team Awesome	68 seconds	2 <sup>nd</sup>
The Terrifying Taylors	54 seconds	1 <sup>st</sup>
Team Anderson	73 seconds	3 <sup>rd</sup>
The Watson Warriors	95 seconds	4 <sup>th</sup>

Use the chart to answer the questions:

1. What was the difference in time between the first place and fourth place teams? 95-54=41 seconds
2. How much faster were The Terrifying Taylors than Team Anderson?  
73-54=19 seconds
3. On Team Awesome, the first person took 21 seconds to get around the tree and back. The second person took 24 seconds. How long did it take for the last person to go around the tree and back?

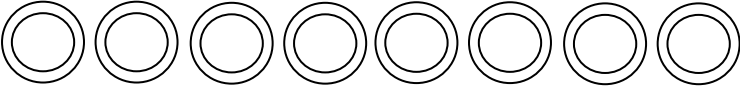
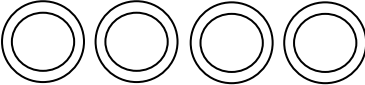
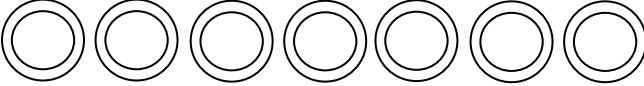
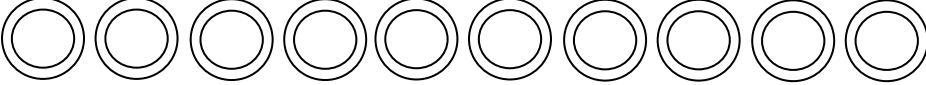
$$68-21-24=23$$

The last person took 23 seconds to go around the tree and back.

4. By how many seconds did the Terrifying Taylors win the egg and spoon race? 68-54=14 They won by 14 seconds.

The last game that you set up is the ring toss. For every ring that lands on a bottle, the team gets 5 points.

This picture graph shows the results from the ring toss game:

TEAM NAME	Number of Rings on Bottles
Team Awesome	
The Terrifying Taylors	
Team Anderson	
The Watson Warriors	

Use the chart to answer the questions:

1. How many points did each team get?

Team Awesome: 40

The Terrifying Taylors: 20

Team Anderson: 35

The Watson Warriors: 50

2. How many points did The Watson Warriors and Team Anderson get in all?

$$50+35=85$$

The Watson Warriors and Team Anderson got 85 points in all.

3. How many more points did Team Awesome get than The Terrifying Taylors?

$$40-20=20$$

Team Awesome got 20 more points than The Terrifying Taylors.

## TASK

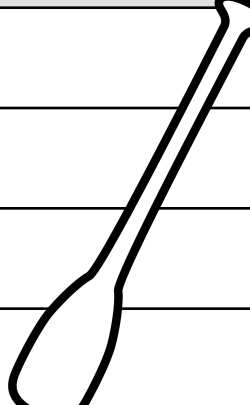
#7

## CANOE RENTALS

It's a beautiful day so you decide to go canoeing! Let's go to the local canoe rental shop!

## Carl's Canoe Shop: Price List

Small canoe rental	\$5 for 30 minutes
Large canoe rental	\$8 for 30 minutes
Lifjacket rental	\$3
Photo Opportunity	\$10 per picture



Four of the families from your group are going to rent canoes and supplies. Find the total cost for each family:

## Smith

1 small canoe (30 minutes) \$5

1 large canoe (1 hour) \$16

6 lifjackets \$18

Total Cost \$39

## Jones

1 large canoe (30 minutes) \$8

4 lifjackets \$12

1 photo opportunity \$10

Total Cost \$30

## ANSWER KEY

## Anderson

1 large canoe (1 hour) \$16

2 small canoes (1 hour) \$20

7 lifejackets \$21

3 photo opportunities \$30

Total Cost \$87

## Wilson

1 large canoe (30 minutes) \$8

2 lifejackets \$6

2 photo opportunities \$20

Total Cost \$34

Answer the questions:

- Which family spent the most money at Carl's Canoe Shop? \_\_\_\_\_  
The Andersons spent the most money.
- The Wilsons forgot their money back at the campsite! Not to worry though, Mrs. Jones says that she will pay for them. Altogether, how much will Mrs. Jones be paying for her family and the Wilsons?

Jones: \$30

Wilson: \$34

$$30+34=64$$

Altogether, Mrs. Jones will be paying \$64.00.

- How much more money did the Andersons spend than the Smiths?

$$\$87-\$39=\$48$$

The Andersons spent \$48 more than the Smiths.

## TASK

#8

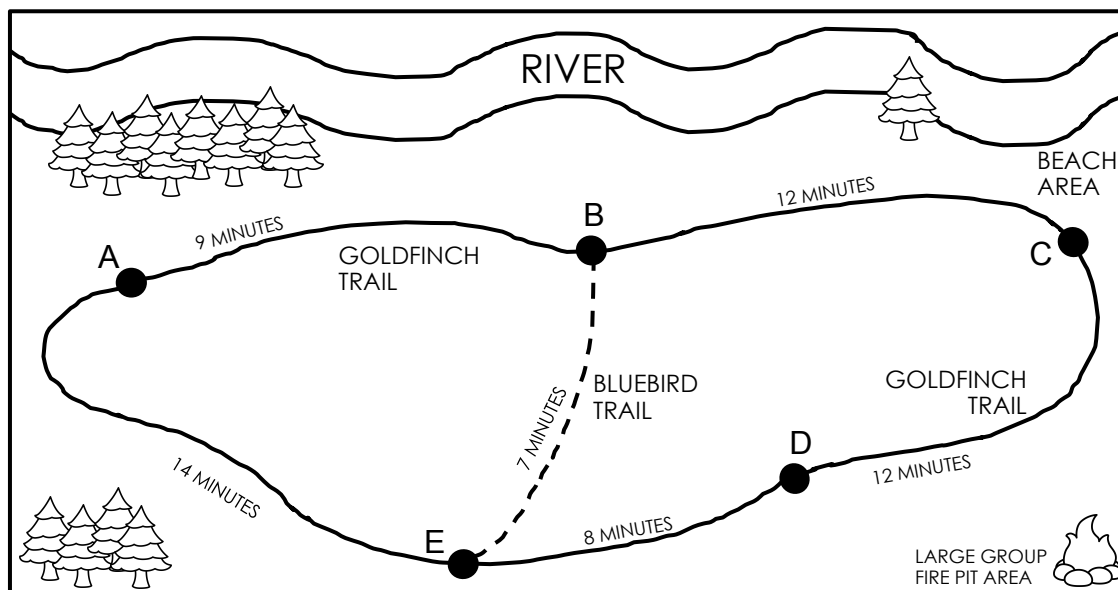
## GOING FOR A HIKE

The campground has a popular hiking trail. Everyone decides to go on a group hike.

First of all, you'll need a map.

## CARL'S CAMPGROUND HIKING MAP

We hope you're enjoying your stay at Carl's Campground! Our hiking trail is one of the most popular trails around! Here is a handy dandy map with estimated walking times included. Enjoy your hike!



Use the map to answer the questions:

1. The group starts at Point A. If they take Goldfinch Trail all the way around and back to Point A, how many minutes will it take?

$$9+12+12+8+14=55$$

It will take 55 minutes.

2. Two of the group members want to take the shortcut (Bluebird Trail) rather than taking Goldfinch Trail all the way. How many minutes will it take them if they begin and end at Point A?

$$9+7+14=30$$

It will take 30 minutes.

3. One of the girls hurt her leg and it is taking TWICE the amount of time to walk the trail. How long will it take her to walk from Point A to Point D?

$$18+24+24=66$$

It will take 66 minutes.

4. A few of the group members decide to stop at the Beach area for a 10 minute rest. How many minutes will they walk BEFORE stopping to rest?

$$9+12=21$$

They will walk 21 minutes before stopping to rest.

How many minutes will they walk AFTER stopping to rest?

$$12+8+14=34$$

They will walk 34 minutes after stopping to rest.

Including the rest at the beach, how long will their hike be in all?

$$21+10+34=65$$

Their hike will be 65 minutes in all.

### THINK FAST!



The trail is also popular for joggers and the campground owner has asked YOU to test out the jogging time for Goldfinch Trail. Here are the times that you record:

Point A to Point B: 6 minutes

Point B to Point C: 9 minutes

Point C to Point D: 9 minutes

Point D to Point E: 6 minutes

Point E to Point A: 10 minutes

How long did it take you to jog all the way around the trail?

$$6+9+9+6+10=40 \text{ minutes}$$

It takes 40 minutes to jog all the way around the trail.

## TASK

#9

## BIRD WATCHING

As you hike, you decide to graph all of the different birds that you see.

## BIRDS SEEN DURING HIKE

seagull	wren	warbler	woodpecker	pheasant	crow

\*\*EACH SHADED SPACE REPRESENTS 4 BIRDS

How many of each type of bird was seen?

seagull: 20                      wren: 4                      warbler: 8

woodpecker: 12                      pheasant: 19                      crow: 24

Answer the questions:

1. Altogether, how many crows, wrens, and seagulls did you see?

$$24+4+20=48$$

Altogether I saw 48 crows, wrens, and seagulls.

2. How many more crows than wrens and warblers did you see?

$$\text{wrens and warblers: } 4+8=12$$

$$24-12=\underline{12}$$

I saw 12 more crows than wrens and warblers.


## TASK

#10

## GOING FOR ICE CREAM

After the hike you're starving! Let's go to the campground ice cream shop!

When your group arrives at the ice cream shop, your Uncle Doug says that he's buying the ice cream for EVERYONE! How generous! First you take a look at the menu.

Campground Ice Cream Shop <i>The best ice cream around or your money back!</i>		Flavors: Vanilla Chocolate Rocky Road Cookie Dough
Single Scoop (regular cone)	\$2	
Double Scoop (regular cone)	\$3	
Triple Scoop (regular cone)	\$4	
Waffle Cone	add an extra \$1 to the price	

While you decide what you want, the employees at the ice cream shop serve the people ahead of you in line. What is the total for each of their bills?

## ORDER #1

2 single scoop vanilla (regular cone) \$4  
1 triple scoop rocky road (waffle cone) \$5  
1 double scoop cookie dough (regular cone) \$3

TOTAL ORDER AMOUNT: \$12

CUSTOMER PAID: \$20

CHANGE GIVEN: \$8



## ORDER #2

1 single scoop cookie dough (regular cone) \$2  
1 triple scoop cookie dough (waffle cone) \$5

TOTAL ORDER AMOUNT: \$7

CUSTOMER PAID: \$20

CHANGE GIVEN: \$13



## ORDER #3

1 double scoop chocolate (waffle cone) \$4  
1 double scoop vanilla (waffle cone) \$4

TOTAL ORDER AMOUNT: \$8

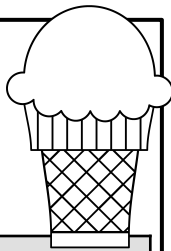
CUSTOMER PAID: \$10

CHANGE GIVEN: \$2





Now it's your group's turn to be served! The servers at the ice cream shop are quick and get all 28 of your ice cream cones done right away! Now it's time to figure out the total amount for all of it! The server fills out this order form:



## ORDER FORM

Quantity	Type of Cone	Cost per Cone	Total Cost
3	single-scoop chocolate (regular cone)	\$2	\$6
5	single-scoop chocolate (waffle cone)	\$3	\$15
1	triple-scoop cookie dough (waffle cone)	\$5	\$5
4	double-scoop chocolate (waffle cone)	\$4	\$16
10	single-scoop vanilla (regular cone)	\$2	\$20
3	double-scoop vanilla (regular cone)	\$3	\$9
2	double-scoop rocky road (waffle cone)	\$4	\$8
TOTAL COST OF ALL CONES			\$79

Uncle Doug pays with a \$100 bill. How much change will he get back?

$$\$100 - \$79 = \$21$$

He will get \$21 back.

# Thank-you!

Thank-you for your purchase! I'd love to connect with you!

Website: <http://www.ShelleyGrayTeaching.com>

Facebook: <https://www.facebook.com/teachingresourcesbysheleygray>

Instagram: Shelley Gray Teaching

Pinterest: <https://www.pinterest.com/shelleygray/>

Have a wonderful day!

## Shelley

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