

Bear Essentials

Rangers in the Classroom—Pre-visit Lesson Plan



Grade Level: 2nd

Setting: Classroom

Duration: 20 - 30 min.

Standards Addressed:

2nd Grade

° Science—Life Sciences:

2.a, 2.c

° Reading comprehension:

2.7, 2.8

° Math- Number Sense:

1.1, 2.2, 3.1, 4.2

Introduction:

Welcome to Rangers in the Classroom! We are looking forward to visiting your class for our Bear Essentials program about black bears. To help prepare your class for the ranger visit, we have created a pre-visit activity to introduce your students to some of the concepts we will cover in our program. If you are interested in additional preparation, the program outline includes a vocabulary list and can easily be found on the website at: <http://www.nps.gov/seki/forteachers/index.htm>. By exploring a few concepts and vocabulary words with your students prior to our visit, you will help us hit the ground running. Have fun and we'll see you soon!

Materials:

- ° Worksheet
- ° Pencil

Instructions:

1. Pass out worksheets to the students.
2. Read the directions aloud.
3. Make sure students show their work for each problem.
4. Review answers with students when everyone is finished.

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Rangers in the Classroom—Pre-visit Activity



“Black Bears...Sum it up!”

Read each story problem carefully. Answer each question and show your work.

1. A mother black bear, called a sow, weighs 150 pounds. Her cub weighs 30 pounds. What is their total weight?



2. Black bears eat many different types of insects including wasps, bees, and ants. If a bear eats 79 bees in the morning and 85 ants in the afternoon, how many insects did the bear eat that day?



3. An adult male bear is 5 feet long. How many inches is he? (Hint: there are 12 inches in one foot).



4. A black bear can run at 30 miles per hour. If a bear runs for $\frac{1}{2}$ hour at this speed without stopping, how far will she have gone?

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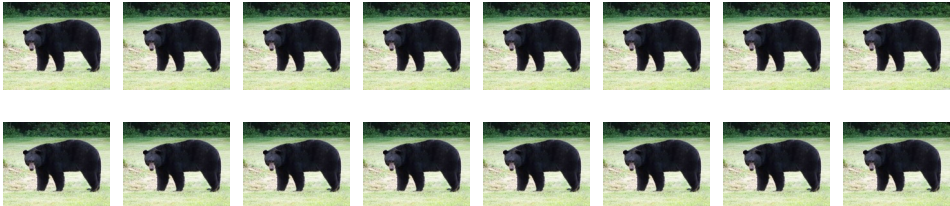
Rangers in the Classroom—Pre-visit Activity



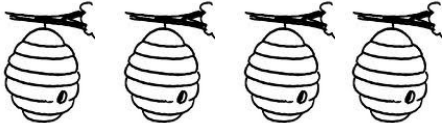
“Black Bears...Sum it up!”

5. A park ranger saw 8 bears on Monday. On Tuesday, he saw twice that amount. How many bears did the ranger see on Tuesday?

Monday:  = 8

Tuesday:  = _____

6. A bear found four beehives this morning. The bear found seven beehives in the afternoon. How many total beehives did the bear find?

Morning:  +

Afternoon:  = _____

7. A bear collects a pile of 200 acorns. The bear eats 50 acorns in the morning and 70 acorns in the afternoon. How many acorns are left in the pile?



8. There are 300 ant grubs under a log. A bear tears open the log and eats 120 ant grubs. How many ant grubs are left under the log?

