Student Activity Book

Measure with Palms (SAB pp. 173–174) Questions 1–5

- I. Measurements will vary.
- **2. A–B.** Responses will depend on measurements.
- **3. A–B.** Responses will depend on measurements.
- **4.** 3 gorilla palms; gorilla palms are larger so the length will be longer.
- **5. A.** crazy; Possible response: I used the gorilla palm and thought about the longest dog tail I have seen. When I got to 4 gorilla palms I stopped, so 20 gorilla palms is crazy.
 - **B.** crazy; Possible response: I counted 15 palms and that was still shorter than me, so it is crazy.
 - **C.** could be; Mark's palms are smaller than his dad's. It will take fewer of the larger unit.

below to the	with a partner. Measure v using your palm. Then e nearest whole unit. Us nee of your choice.	use the gorilla	a palm. Measur
	Distance	My Palms	Gorilla Palms
A.	length of desk		
В.	width of desk		
C.	height of desk		
D.	width of math book		
E.	length of board		
F.			
Comp desk.	pare the width of the ma	ath book to the	e height of the
A. \	Which is longer?		
	How much longer? Write now you solved the prol		entence to show
1	Number sentence		

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	C.		crazy er, and his dad measure the width h their palms. The width was 5 of f his dad's palms. crazy
		Mark, a second grade of the same book with	er, and his dad measure the width h their palms. The width was 5 of
		could be	crazy
	В.	Linda says her refrige	rator is 15 kid palms tall.
		could be	crazy
	A.	Rosa measures her de	og's tail. It is 20 gorilla palms long.
5.		cide if each statement " ready to tell how you de	could be" or is "crazy." Circle one. ecided.
	Sho	ow or tell how you decid	ded which was greater.
		3 of my palms	3 gorilla palms
4.	Circ	cle the length that is gre	eater.
		Number sentence	
	В.	How much longer? W how you solved the p	rite a number sentence to show roblem.
	A.	Which is longer?	
3.	Cor	npare the length of the	board to the length of the desk.
_	_		Date

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Apatosarus Footprints

Measure with Footprints (SAB pp. 175-176)

My Footprints

3. A. 30 footprints

Questions 1-4

Distance

Ι.

B. Possible responses: I knew that the adult would have bigger feet, so he would need less footprints; I knew that the baby would have smaller feet so he would need more footprints.

20 - 16 = 4 or 5 - 4 = 1

- **4. A.** could be; Possible response: I thought about seeing two kid footprints of hair and I have seen kids with hair that long.
 - **B.***crazy; Possible response: 10 Apatosaurus footprints would be taller than the ceiling in a typical classroom.
 - **C.** crazy; Possible response: The Apatosaurus footprints answer from Tanya should have gotten a smaller number, not a bigger number.

	footprint. Th		ch distance using your urus footprint. Measure
	Distance	My Footprints	Apatosaurus Footprints
	Line A		
	Line B		
	Line C		
	Line D		
	Line E		
	Line F		
2.	2. Compare the length of Line D to the length of Line C. A. Which is longer? B. How much longer? Write a number sentence to show you solved the problem.		
	Numbe	r sentence	
Measur	e with Nonstandard	Units	SAB · Grade 2 · Unit 4 · Lesson 1

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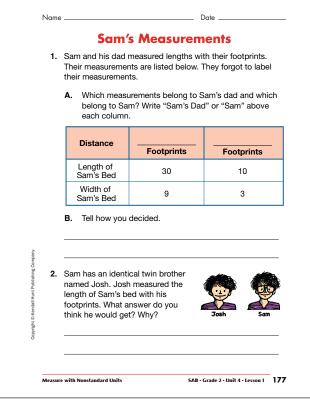
Vame			Date			
3.	A.	A baby dinosaur and an adult dinosaur walked the same distance. Which measurement shows the distance the adult dinosaur walked?				
		30 footprints	60 footprints			
	В.	Tell how you decided	.t.			
4.		ready to tell how you o	"could be" or is "crazy." Circle one. decided. about 2 kid footprints long.			
		could be	crazy			
	В.	Roberto is a second be 10 Apatosaurus fo	grader. He measured his height to ootprints tall.			
		could be	crazy			
	C.		M to be 20 of his footprints. Tanya to be 100 Apatosaurus footprints			
		could be	crazy			
	Tell		crazy			
	Tell		,			

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^{*}Answers and/or discussion are included in the lesson.

Sam's Measurement (SAB pp. 177–179) Questions 1–6

- I. A. Sam's Footprint; Dad's Footprint
 - **B.** Possible responses: I knew that Sam's footprints would be smaller, so he should get bigger numbers in his measurements; I knew that the Dad's footprints would be bigger, so he should get smaller numbers in his measurements.
- **2.** Josh should get 30 footprints as well because his unit is exactly the same size if they are identical twins.
- 3. A. <
 - **B.** <
 - **C.** >
- **4. A.** Line P is longer
 - **B.** Responses depend on the unit students choose. Possible responses: 8 deer footprints longer; 12 4 = 8, $4 + \boxed{8} = 12$, or $\boxed{8} + 4 = 12$; 2 elephant footprints longer; 3 1 = 2 or $1 + \boxed{2} = 3$



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	Dis	tance	Deer Footprints	Elephant Footprints	
	Lin	e P	12	3	
	Lin	e Q	16	4	
	Lin	e R	4	1	
3.	Cor		he lengths. Use <, >, or		
	A.			nant footprints	
	В.	Line F	Line Q		
	C.	Line C	Line R		
4.	Cor		he length of Line R to tl	•	
	A.	Which	is longer?		
	В.	B. How much longer? Write a number sentence to show how you solved the problem.			
		Numb	er sentence		

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Answer Key • Lesson 1: Measure with Nonstandard Units

5.	squirrel	ecided to measure I footprints. He m brother Josh.			, wie
	(a)	I think Line because a so elephant's fo	P will be about : quirrel's footprint ootprint.	10 squirrel foot is smaller than	prints n an
	Sa	ım		4	
	beca	nk Line P will be abou use a squirrel's footpri hant's footprint.			
	Do you	agree with Josh	or Sam? Exp		Josh
6.		if each statemen		or is "crazy."	" Circle or
	Be read		decided. the length o	Í	
	Be read	dy to tell how you am estimated that	decided. the length o	Í	
_	A. Sa 6 s	dy to tell how you am estimated that squirrel footprints	the length of th	f Line P to b azy he length of 8 elephant f	oe about f the same footprints
Copyright © Kendall Hunt Publishing Company	A. Sa 6 s	dy to tell how you am estimated that squirrel footprints could be am and his brothe om. Sam found the	decided. If the length of the community of the room was a room was 32	f Line P to b azy he length of 8 elephant f	the same

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- **5.** Possible response: I agree with Josh. Sam's estimate does not make sense. A squirrel is much smaller than a deer and Line P was 12 deer footprints.
- **6. A.** Crazy, because it has to be more than the 12 deer footprints, as squirrel footprints are smaller.
 - **B.** Could be, because the number of deer footprints would be much more than elephant footprints, and that was what they found.

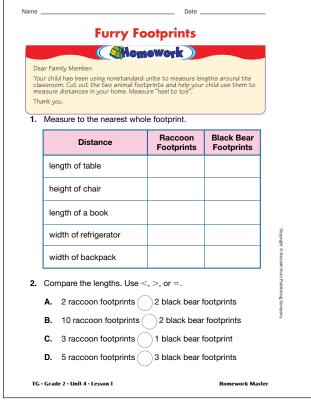
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Furry Footprints (TG) Homework Questions 1–2

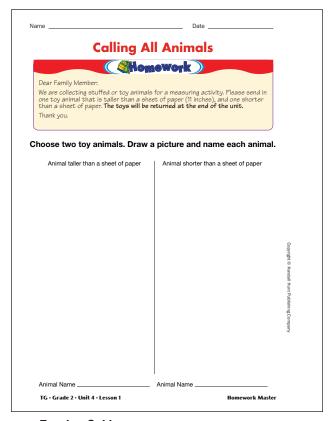
- I. Answers will vary.
- 2. A. <
 - **B.** >
 - **C.** =
 - **D.** <

Calling All Animals (TG) Homework

Answers will vary.



Teacher Guide



Teacher Guide

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