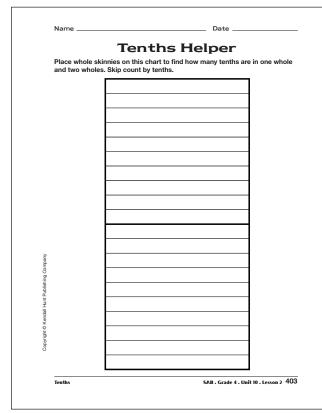
Γ

1.	Jessie measured the height of the cabinet with one meterstick and 6 skinnies. Write T beside the true statements and F beside the false statements.
	 A. The cabinet is taller than 1 meter but shorter than 2 meters. B. The cabinet is shorter than 1 meter. C. The cabinet is 16 meters tall. D. The cabinet is 1.6 meters tall. E. The cabinet is 1.6 meters tall. F. The cabinet is .16 meters tall.
2.	A. Jacob placed 6 skinnies along the edge of a meterstick. The length of 6 skinnies is what fraction of a meter? B. Write this fraction as both a decimal fraction and a common fraction.
3.	 A Jessie measured the length of a table in her classroom using skinnies. She found the length of the table was 18 skinnies. How many whole meters and how many more tenths does this represent? B. Write the length of the table in more than one way.
4.	A. Locate 1.6 meters, 0.6 meters, and 1.8 meters on the metersticks.
	nannannannannannannannannannannannannan
5.	 B. Write the measurements in order from smallest to largest. A. What number is two tenths smaller than 1.8? B. What number is two tenths larger than 2.0?
0	SG · Grade 4 · Unit 10 · Lesson 2 Tenths

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Student Guide

Homework (SG pp. 462)

Questions 1–5

- I. A. T
 - **B.** F
 - **C.** F
 - **D.** T
 - Е. Т
 - **F.** F
- 2. A. six-tenths of a meter
 - **B.** 0.6 m, $\frac{6}{10}$ m
- **3. A.** one whole meter and 8 tenths
 - **B.** 1.8 m, $1\frac{8}{10}$ m, or $\frac{18}{10}$ m
- 4. A.

0.6m				1.6m	1.8m
ŧ				ŧ	ŧ
50 60 70	80 90 1M	10 20	30 40	50 60	70 80 90 1M

- **B.** 0.6 m, 1.6 m, 1.8 m
- **5. A.** 1.6
 - **B.** 2.2

Student Activity Book

Tenths Helper (SAB p. 403)

See Question 20 in the Student Guide Answer Key.

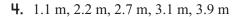
Exploring Tenths (SAB pp. 405–406)

Questions 1–8

- I. seven-tenths, $\frac{7}{10}$, or 0.7
- **2. A.** four wholes
 - **B.** 4.6, or $4\frac{6}{10}$, or $\frac{46}{10}$

З.

	Distance Measured	Common Fraction	Decimal Fraction
Α.	1 meterstick and 1 skinny	$1\frac{1}{10}$ m	1.1 m
в.	2 metersticks and 7 skinnies	$2\frac{7}{10}$ m	2.7 m
C.	2 metersticks and 2 skinnies	$2\frac{2}{10}$ m	2.2 m
D.	3 metersticks and 9 skinnies	3 <u>9</u> m	3.9 m
Е.	3 metersticks and 1 skinny	$3\frac{1}{10}$ m	3.1 m



5.

	Base-Ten Shorthand	Common Fraction	Decimal Fraction
Α.		$12\frac{9}{10}$	12.9
в.	000000	$33\frac{4}{10}$	33.4
c.		$6\frac{7}{10}$	6.7
D.	0000000	34 <u>4</u>	34.4
Е.	00	$20\frac{5}{10}$	20.5

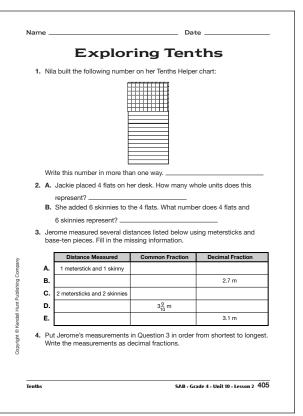
6.

	Number	P	lace Valu	е		Number Sentence
	Number	Tens	Ones	•	Tenths	Number Sentence
Α.	12.9	1	2		9	10 + 2 + 0.9 = 12.9
в.	33.4	3	3	•	4	30 + 3 + 0.4 = 33.4
C.	6.7	0	6	•	7	6 + 0.7 = 6.7
D.	34.4	3	4	•	4	30 + 4 + 0.4 = 34.4
Е.	20.5	2	0	•	5	20 + 0.5 = 20.5

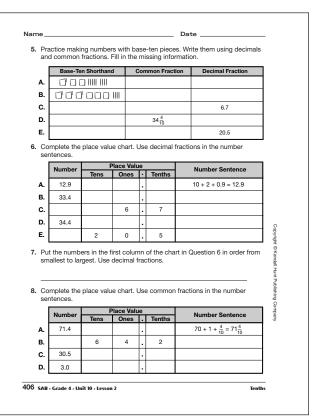
7. 6.7, 12.9, 20.5, 33.4, 34.4

8.

	Number	P	lace Valu	е		Number Sentence
	Number	Tens	Ones	•	Tenths	Number Sentence
Α.	71.4	7	1	•	4	$70 + 1 + \frac{4}{10} = 71\frac{4}{10}$
в.	64.2	6	4		2	$60 + 4 + \frac{2}{10} = 64\frac{2}{10}$
C.	30.5	3	0	•	5	$30 + \frac{5}{10} = 30\frac{5}{10}$
D.	3.0		3	•	0	$3 + \frac{0}{10} = 3$



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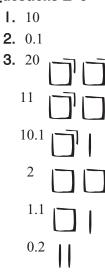
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Use	base-ten pieces (packs, flats, and skinnies only). A flat is one whole
1	. If a flat is 1, then what number is a pack?
2	. If a flat is 1, then what number is a skinny?
	ce has two base-ten pieces. She might have skinnies, flats, or packs. For nple, she might have a skinny and a flat. She might have something else
3	 Find all possible sets of pieces that Grace might have. Use base-ten shorthand to show each set she might have. Write a number for each s
4	 What is the largest number that Grace could possibly have? Show or t how you know.
5	. What is the smallest number that Grace could possibly have? Show or
5	how you know.
6	. Put the numbers that Grace could have in order from smallest to large

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Grace's Base-Ten Pieces (SAB p. 407)

Questions 1–6



- **4.** 20; Possible response: Two packs are twenty flats or twenty wholes. You can't get any larger than that with two pieces.
- **5.** 0.2; Possible response: The smallest pieces Grace has are skinnies or one-tenths. If she has two pieces, two-tenths is the smallest number.
- **6.** 0.2, 1.1, 2, 10.1, 11, 20