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Tenths Helper

Place whole skinnies on this chart to find how many tenths are in one whole and two wholes. Skip count by tenths.

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Student Guide

Homework (SG pp. 462)

Questions 1–5

1. **A.** T
   B. F
   C. F
   D. T
   E. T
   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

   B. 0.6 m, 1.6 m, 1.8 m

5. **A.** 1.6
   B. 2.2

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Tenths Helper (SAB p. 403)

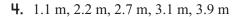See Question 20 in the *Student Guide* Answer Key.

Exploring Tenths (SAB pp. 405–406)

Questions 1–8

1. seven-tenths, $\frac{7}{10}$, or 0.7
2. **A.** four wholes
   B. 4.6, or $4\frac{6}{10}$, or $\frac{46}{10}$
3.

	Distance Measured	Common Fraction	Decimal Fraction
A.	1 meterstick and 1 skinny	$1\frac{1}{10}$ m	1.1 m
B.	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	$3\frac{9}{10}$ m	3.9 m
E.	3 metersticks and 1 skinny	$3\frac{1}{10}$ m	3.1 m

4. 1.1 m, 2.2 m, 2.7 m, 3.1 m, 3.9 m

5.

	Base-Ten Shorthand	Common Fraction	Decimal Fraction
A.	⬚⬚⬚ ||||| ||||	$12\frac{9}{10}$	12.9
B.	⬚⬚⬚⬚⬚⬚ ||||	$33\frac{4}{10}$	33.4
C.	⬚⬚⬚⬚⬚⬚ |||| ||	$6\frac{7}{10}$	6.7
D.	⬚⬚⬚⬚⬚⬚⬚ ||||	$34\frac{4}{10}$	34.4
E.	⬚⬚ |||||	$20\frac{5}{10}$	20.5

6.

	Number	Place Value Tens	Ones	.	Tenths	Number Sentence
A.	12.9	1	2	.	9	10 + 2 + 0.9 = 12.9
B.	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
E.	20.5	2	0	.	5	20 + 0.5 = 20.5

7. 6.7, 12.9, 20.5, 33.4, 34.4

8.

	Number	Place Value Tens	Ones	.	Tenths	Number Sentence
A.	71.4	7	1	.	4	$70 + 1 + \frac{4}{10} = 71\frac{4}{10}$
B.	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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Grace's Base-Ten Pieces (SAB p. 407)

Questions 1–6

1. 10

2. 0.1

3. 20

   11

   10.1

   2

   1.1

   0.2

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