



Length

Math

Name _____ Class _____ Date _____

Use a ruler to measure the exact length of these lines. Use decimal notation to record each length.

Write the missing numbers to make each sentence true.

1 m = _____ cm	1 cm = _____ mm	20 mm = _____ cm	2.2 cm = _____ mm	0.5 cm = _____ mm
300 cm = _____ m	1.25 m = _____ cm	0.49 m = _____ cm	16 cm = _____ m	116 cm = _____ m



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

Length	Fraction	Decimal
2 mm	$\frac{2}{10}$ cm	0.2 cm
5 mm		
9 mm		
3 mm		

Length	Fraction	Decimal
		0.7 cm
	$1\frac{1}{10}$ cm	
15 mm		
25 mm		

Length	Fraction	Decimal
1 cm 4 mm		
3 cm 8 mm		
2 cm 6 mm		
5 cm 2 mm		

Color the two measurements that are the same length in each group.

0.4 cm	1 cm 4 mm	4 mm	2.8 m	2.8 cm	28 mm	3 cm	30 mm	0.3 cm
2 cm 5 mm	25 mm	0.25 cm	0.33 m	33 cm	33 mm	1.7 cm	1.7 mm	1 cm 7 mm
1.61 cm	1.61 m	161 cm	10 cm	10 mm	0.1 m	10 mm	1 cm	0.1 m
5 mm	0.05 m	5 cm 0 mm	4.5 mm	4 cm 5 mm	45 mm	99 mm	0.99 m	9.9 cm



ANSWER KEY

Use a ruler to measure the exact length of these lines. Use decimal notation to record each length.

2.7	1.1	2.4	1.6	1.3
0.6	2.5	0.9	2.2	1.9
1.8	1.2	2.2	1.6	1.1
1.8	2.2	1.0	0.7	2.7

Write the missing numbers to make each sentence true.

1 m = <u>100</u> cm	1 cm = <u>10</u> mm	20 mm = <u>2</u> cm	2.2 cm = <u>22</u> mm	0.5 cm = <u>5</u> mm
300 cm = <u>3</u> m	1.25 m = <u>125</u> cm	0.49 m = <u>49</u> cm	16 cm = <u>0.16</u> m	116 cm = <u>1.16</u> m



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

2 mm	$\frac{2}{10}$ cm	0.2 cm
5 mm	$\frac{5}{10}$ cm	0.5 cm
9 mm	$\frac{9}{10}$ cm	0.9 cm
3 mm	$\frac{3}{10}$ cm	0.3 cm

7 mm	$\frac{7}{10}$ cm	0.7 cm
11 mm	$1\frac{1}{10}$ cm	1.1 cm
15 mm	$1\frac{5}{10}$ cm	1.5 cm
25 mm	$2\frac{5}{10}$ cm	2.5 cm

1 cm 4 mm	$1\frac{4}{10}$ cm	1.4 cm
3 cm 8 mm	$3\frac{8}{10}$ cm	3.8 cm
2 cm 6 mm	$2\frac{6}{10}$ cm	2.6 cm
5 cm 2 mm	$5\frac{2}{10}$ cm	5.2 cm

Color the two measurements that are the same length in each group.

0.4 cm	1 cm 4 mm	4 mm	2.8 m	2.8 cm	28 mm	3 cm	30 mm	0.3 cm
2 cm 5 mm	25 mm	0.25 cm	0.33 m	33 cm	33 mm	1.7 cm	1.7 mm	1 cm 7 mm
1.61 cm	1.61 m	161 cm	10 cm	10 mm	0.1 m	10 mm	1 cm	0.1 m
5 mm	0.05 m	5 cm 0 mm	4.5 mm	4 cm 5 mm	45 mm	99 mm	0.99 m	9.9 cm