Number and Place Value
Ready-to-Progress Assessment

Name: _____ Date: _____

1. Melissa has put these lengths in order from largest to smallest but has made an error. Circle the measurement which is in the wrong place and rewrite it in the correct position.

6km 3201m $\frac{3}{4}$ km 0.07km 120m 55cm $\frac{1}{10}$ m

1 mark

2. I need 5.25 metres planks of wood to build my treehouse.

What is the length of each plank to the nearest metre?

What is the length of each plank to the nearest tenth of a metre?

If I could only buy planks of wood in whole metres, what length planks do I need to buy?

2 marks

3. Mark and label each number on the given scale.

3.75

0.9

6.6

2 marks

4. Circle the numbers in each row that will make 6.52 when added together.

6.00	0.05	0.02	0.5
4.02	0.4	2.05	2.1

2 marks

5. Selma is milking her cows. Each cow produces about 0.1 litres of milk. If she milks 33 of her cows, approximately how many litres of milk will she get?

litres

1 mark

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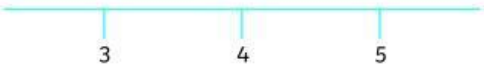
6. Estimate where the numbers 4.75, 3.05, 4.5 and 3.8 should be positioned and mark them on the number line.



2 marks

7. This table shows the size of people's feet. Complete the table.

	Length of Foot (cm)	Length of Foot (to the nearest whole cm)	Length of Foot (to the nearest 0.1 cm)
Matthew	17.61cm		
Silas	20.39cm		
Callie	15.55cm		

2 marks

8. Complete these number statements by filling in the missing numbers.

41.3 = ☐ + 1 + 0.3

1.17 = 1 + ☐ + 0.07

6 + 0.1 + ☐ = 6.18

☐ + 0.03 = 0.83

2 marks

9. Frank travelled 1.59 km on his scooter and Chen rode 1.57km on his. How much further did Frank ride than Chen?

☐ km

1 mark

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10. Match the fractions on the left to the decimals on the right.

$\frac{8}{100}$	0.02
$\frac{40}{100}$	0.4
$\frac{3}{10}$	0.08
$\frac{2}{100}$	0.3

2 marks

11. This bar model has been divided into 4 equal parts.

1			
0.25	0.25	0.25	0.25

If the bar model below is divided into 5 equal parts, what will be the value of each part?

1				

1 mark

12. Complete the number statements.

9.04 = 9 wholes, 0 ____ and 4 ____

____ wholes, ____ tenths and 7 ____ = 4.27

7.90 = ____ wholes, 90 ____

2 marks

Total 20 marks

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