Name:				Date:
Maths A	ssessm	ent Year !	5 Term 2: Fraction	S
I. Compare	and order	fractions wh	ose denominators are all	multiples of the same r
a) Use the	symbols 🔸	<, = or > to c	ompare these fractions:	
		< or >		
1/2			<u>5</u> 10	
<u>7</u> 16			3 8	
2			<u>9</u> 12	
b) Order th	nese fractio	ons from sma	llest to largest:	
<u>2</u> 5	<u>3 3</u> 10 15	- <u>9</u> 20	-	
smallest				

b) Identify the fractions that are equivalent to $\frac{3}{5}$

 $\frac{8}{13} \quad \frac{6}{15} \quad \frac{7}{12} \quad \frac{9}{15} \quad \frac{6}{10} \quad \frac{7}{10} \quad \frac{12}{20}$

2

3 marks

2 marks

60 total marks

twinkl

3 marks

1 mark

largest



3. Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$].

a)	Convert	these	improper	fractions	into	mixed	numbers	and vi	ce versa:
----	---------	-------	----------	-----------	------	-------	---------	--------	-----------

improper fraction	mixed number
<u>14</u> 6	
	$2\frac{3}{4}$
<u>13</u> 4	
<u>5</u> 3	
	$4 \frac{1}{3}$
<u>11</u> 5	
	$2\frac{5}{6}$
	$5\frac{1}{2}$

b) Write the answers as both mixed and improper fractions.



4. Add and subtract fractions with the same denominator, and denominators that are multiples of the same number.

8 marks

2 marks

2 marks

a) Add the following:







6. Read and write decimal numbers as fractions.

Complete this table, writing decimals as fractions and fractions as decimals:

decimals	fractions
0.51	
	<u>7</u> 10
0.12	
	4 100

7. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

4 marks

3 marks

5 marks

Complete the missing boxes:



8. Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place.

5

a) Round these numbers to the nearest whole number:

17.09	
291.82	
34.53	
199.49	
2652.14	

b) Round These numbers to 1 decimal place:

2.76	
34.05	
478.92	
1900.38	
3891.02	

 ${\bf 9.}\,$ Read, write, order and compare numbers with up to 3 decimal places.

a) Use the symbols < or > to compare these decimals:

	< or >	
31.09		31.9
345.76		345.759
208.66		208.666
3001.03		3001.12

b) order these numbers from largest to smallest;

7.077 77.007 7.707 7.7

largest			smallest	1 mark
10 .Solve problems involving number u	p to 3 decimal places		••••	
 1 inch = 2.54 cm a) Tom measures the width of a squ centimetres. What is 9.5 inches i 	ıare as 9.5 inches, bu n cm?	t needs to convert it to		
50 91 92 93 94 95 96 97 98 99 100 101 6				1 mark

5 marks

4 marks

this page

6

 1 cm = 0.394 inches b) Tom now needs to convert a measurement of 15cm back into inches. What is 15cm in inches? 	
	2 n

11.Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction.

percentage	fraction	decimal
	<u>1</u> 2	
25%		
		0.66
2%		
	<u>80</u> 100	











4 marks