

Year 5 Autumn 2 Maths Activity Mat 5 **Answers**

Section 1

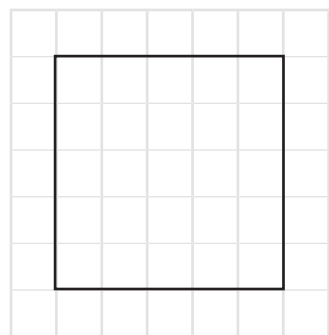
Write these Roman Numerals as numbers.

XXXII → 32

LXV $\rightarrow$ 65

Section 2

Draw a square to represent the number $2\frac{5}{10}$.



Section 3

Complete these calculations:

	2	1 2	1						
		3	5	4					
x			5	3			1	4	2 3
	1	0	6	2	6	8	² 5	¹ 3	¹ 8
1	7	7	0	0					
1	8	7	6	2					

Section 4

Calculate:

$$\frac{1}{5} + \frac{3}{5} = \frac{4}{5}$$

$$\frac{7}{8} - \frac{3}{8} = \frac{4}{8} \text{ or } \frac{1}{2}$$

Section 5

Write the following
decimals as
fractions:

$0.4 = \frac{2}{5} \text{ or } \frac{4}{10}$

$$0.25 = \frac{1}{4} \text{ or } \frac{25}{100}$$

$$0.9 = \frac{9}{10} \text{ or } \frac{90}{100}$$

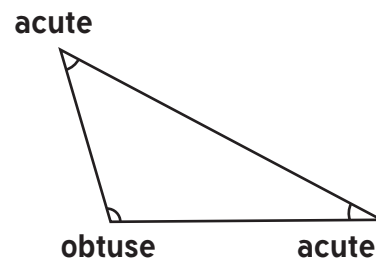
Section 6

One pint of milk is 568ml. How many litres is 2 pints?

1.136L

Section 7

Using the words acute and obtuse, label the internal angles of this triangle:



Section 8

Trafalgar Square	0045
Piccadilly Circus	0049
Oxford Circus	0054
Gloucester Place	0059
Belsize Park	0105
West Hampstead	0110

This is a London Night Bus timetable. The bus starts its return journey at 0115. What time would you expect it to arrive at Oxford Circus on its return journey?

0131

The bus leaves Oxford Circus at 1am. How late is it running?

6 minutes

Year 5 Autumn 2 Maths Activity Mat 5

Section 1

Write these Roman Numerals as numbers.

CLXVII →

MMIX $\rightarrow$

Section 2

Write all the 2-digit square numbers where the ones digit is larger than the tens digit.

Section 3

Complete these calculations

			3	5						
x				3			4		3	
						6	8	5	3	8

Section 4

Calculate:

$$\frac{1}{5} + \frac{7}{10} = \boxed{}$$

$$\frac{2}{3} - \frac{1}{12} = \boxed{}$$

Section 5

Write the following percentages as fractions:

30% =

75% =

95% =

Section 6

One pint of milk is 568ml.
A teacher needs 7 litres of milk to make hot chocolate for the class, but can only buy the milk in pints. How many pints will the teacher need and how many litres will the teacher have?

Section 7

Draw a triangle with an obtuse angle and 2 acute angles.

Section 8

Trafalgar Square	0045
Piccadilly Circus	0049
Oxford Circus	0054
Gloucester Place	0059
Belsize Park	0105
West Hampstead	0110

This is a London Night Bus timetable. The bus starts its return journey at 0115. What time would you expect it to arrive at Oxford Circus on its return journey?

The bus returns at 0115. What time would you expect it to arrive back at Trafalgar Square?

11

Section 1

Write these Roman Numerals as numbers.

CLXVII → 167

MMIX → 2009

Write these Roman Numerals as numbers.

CLXVII $\rightarrow$ 167

MMIX → 2009

Write all the 2-digit square numbers where the ones digit is larger than the tens digit.

16, 25, 36, 49

Complete these calculations:

	2	1 2	1						
		3	5	4					
x			5	3			1	4	2 3
	1	0	6	2	6		8	² 5	¹ 3 18
1	7	7	0	0					
1	8	7	6	2					

Calculate:

$$\frac{1}{5} + \frac{7}{10} = \boxed{\frac{9}{10}}$$

$$\frac{2}{3} - \frac{1}{12} = \boxed{\frac{7}{12}}$$

Write the following percentages as fractions:

$$30\% = \boxed{\frac{3}{10} \text{ or } \frac{30}{100}}$$

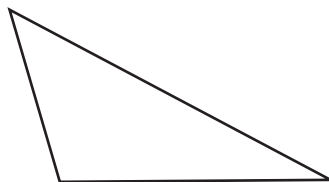
$$75\% = \boxed{\frac{3}{4} \text{ or } \frac{75}{100}}$$

$$95\% = \boxed{\frac{19}{20} \text{ or } \frac{95}{100}}$$

One pint of milk is 568ml. A teacher needs 7 litres of milk to make hot chocolate for the class, but can only buy the milk in pints. How many pints will the teacher need and how many litres will the teacher have?

13 pints = 7.384l

Draw a triangle with an obtuse angle and 2 acute angles.



Trafalgar Square	0045
Piccadilly Circus	0049
Oxford Circus	0054
Gloucester Place	0059
Belsize Park	0105
West Hampstead	0110

The bus returns at 0115. What time would you expect it to arrive back at Trafalgar Square?

0131

This is a London Night Bus timetable. The bus starts its return journey at 0115. What time would you expect it to arrive at Oxford Circus on its return journey?

Gloucester Place to Belsize Park (6 minutes)

