Year 5 Autumn 2 Maths Activity Mat 2

Section 1

Write 3 numbers with a 2 in the hundred thousands place, a 7 in the thousands place and a 9 in the ones place.

Section 2

Calculate the following in your head:

26 + 12 =

36 + 35 =

49 – 23 =

72 – 43 =

Section 3

Calculate:

87 × 10 =

202 × 10 =

910 ÷ 10 =

5060 ÷ 10 =

Section 4

Use the < , > or = signs to compare these fractions:

$\frac{1}{3}$ $\frac{2}{3}$

$\frac{3}{4}$ $\frac{1}{2}$

$\frac{2}{10}$ $\frac{1}{5}$

Section 5

Write the following numbers in numerals:

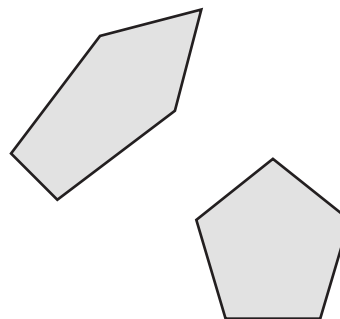four point six

nineteen point one

three and a half

Section 6
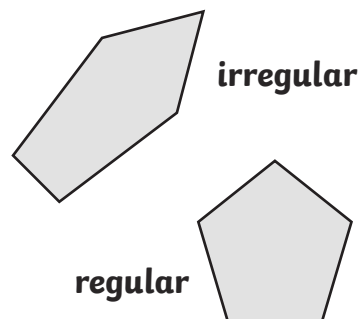
How many litres in a 330ml can of lemonade?

Section 7

Write regular and irregular by each shape.

Section 8

Here is a table showing the favourite crisps of children in a year group.

Flavour	Number
Ready Salted	14
Cheese & Onion	7
Salt & Vinegar	19
Smoky Bacon	10

How many children in the year group?

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

Section 1
Write 3 numbers with a 2 in the hundred thousands place, a 7 in the thousands place and a 9 in the ones place.

Various answers.

e.g. 247 559

Section 2
Calculate the following in your head:

26 + 12 = **38**

36 + 35 = **71**

49 – 23 = **26**

72 – 43 = **29**

Section 3
Calculate:

87 × 10 = **870**

202 × 10 = **2020**

910 ÷ 10 = **91**

5060 ÷ 10 = **506**

Section 4
Use the < , > or = signs to compare these fractions:

$\frac{1}{3}$ **<** $\frac{2}{3}$

$\frac{3}{4}$ **>** $\frac{1}{2}$

$\frac{2}{10}$ **=** $\frac{1}{5}$

Section 5
Write the following numbers in numerals:

four point six **4.6**

nineteen point one **19.1**

three and a half **3.5**

Section 6
How many litres in a 330ml can of lemonade?

0.33L

Section 7
Write regular and irregular by each shape.

irregular

regular

Section 8
Here is a table showing the favourite crisps of children in a year group.

Flavour	Number
Ready Salted	14
Cheese & Onion	7
Salt & Vinegar	19
Smoky Bacon	10

How many children in the year group?

50

Year 5 Autumn 2 Maths Activity Mat 2

Section 1
Write 3 numbers with an 8 in the hundred thousands place, the thousands place and the ones place. If all the other digits were the same, how many 6-digit numbers are possible?

Section 2
Calculate the following in your head:

47 + 26 =

15 + 76 =

81 – 27 =

101 - 18 =

Section 3
Calculate:

7.2 × 100 =

3.02 × 100 =

330 ÷ 100 =

9170 ÷ 100 =

Section 4
Use the < , > or = signs to compare these fractions:

$\frac{4}{5}$ $\frac{8}{10}$

$\frac{3}{4}$ $\frac{7}{8}$

$\frac{2}{3}$ $\frac{5}{9}$

Section 5
Write the following numbers in numerals:
eight point six

zero point zero four

twelve point one two

Section 6
How many litres in three 330ml cans of lemonade?

Section 7
What is the common name of a regular triangle? Draw one.

Section 8
Here is a table showing the favourite crisps of children in a school.

Flavour	Number
Ready Salted	35
Cheese & Onion	12
Salt & Vinegar	41
Smoky Bacon	27

Explain why more than half of the children chose ready salted and smoky bacon.

_____

_____

_____

_____

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

Section 1
Write 3 numbers with an 8 in the hundred thousands place, the thousands place and the ones place. If all the other digits were the same, how many 6-digit numbers are possible?

10 numbers including:
818 118

Section 2
Calculate the following in your head:

47 + 26 = **73**

15 + 76 = **91**

81 − 27 = **54**

101 - 18 = **83**

Section 3
Calculate:

7.2 × 100 = **720**

3.02 × 100 = **302**

330 ÷ 100 = **3.3**

9170 ÷ 100 = **91.7**

Section 4
Use the < , > or = signs to compare these fractions:

$\frac{4}{5}$ = $\frac{8}{10}$

$\frac{3}{4}$ < $\frac{7}{8}$

$\frac{2}{3}$ > $\frac{5}{9}$

Section 5
Write the following numbers in numerals:
eight point six
8.6
zero point zero four
0.04
twelve point one two
12.12

Section 6
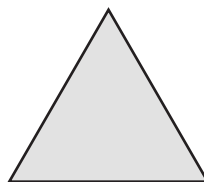How many litres in three 330ml cans of lemonade?

0.99L

Section 7
What is the common name of a regular triangle? Draw one.

Equilateral triangle

Section 8
Here is a table showing the favourite crisps of children in a school.

Explain why more than half of the children chose ready salted and smoky bacon.

Flavour	Number
Ready Salted	35
Cheese & Onion	12
Salt & Vinegar	41
Smoky Bacon	27

115 altogether –

half is 57.5

35 + 27 = 62, more

than half

Year 5 Autumn 2 Maths Activity Mat 2

Section 1
How many 6-digit numbers can be written with an 8 in the hundred thousands place, the thousands place and the ones place?

Section 2
Calculate the following in your head:

57 + 25 + 91 - 67

Section 3
Calculate:

0.82 × 1000 =

14.08 × 1000 =

701 ÷ 1000 =

9102 ÷ 1000 =

Section 4
Use the < or > signs to compare these fractions:

$\frac{1}{5}$ $\frac{1}{4}$

$\frac{5}{6}$ $\frac{3}{4}$

$\frac{5}{8}$ $\frac{15}{24}$

Section 5
Write the following numbers in numerals:

sixty-five point five six

one hundred and four point zero two

fifty point zero five

Section 6
A drinks company fills thirty 330ml cans from 10 litres of lemonade. How much lemonade is left over in litres?

Section 7
Explain why this shape is regular.

_____

_____

_____

_____

Section 8
Here is a table showing the favourite crisps of children in a school.

One quarter of the children chose smoky bacon. How many children chose smoky bacon?

Flavour	Number
Ready Salted	35
Cheese & Onion	83
Salt & Vinegar	62
Smoky Bacon	

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

Section 1
How many 6-digit numbers can be written with an 8 in the hundred thousands place, the thousands place and the ones place?

1000

Section 2
Calculate the following in your head:

$57 + 25 + 91 - 67$

106

Section 3
Calculate:

$0.82 \times 1000 =$ **820**

$14.08 \times 1000 =$ **14 080**

$701 \div 1000 =$ **0.701**

$9102 \div 1000 =$ **9.102**

Section 4
Use the < or > signs to compare these fractions:

$\dfrac{1}{5}$ **<** $\dfrac{1}{4}$

$\dfrac{5}{6}$ **>** $\dfrac{3}{4}$

$\dfrac{5}{8}$ **=** $\dfrac{15}{24}$

Section 5
Write the following numbers in numerals:

sixty-five point five six

65.56

one hundred and four point zero two

104.02

fifty point zero five

50.05

Section 6
A drinks company fills thirty 330ml cans from 10 litres of lemonade. How much lemonade is left over in litres?

0.1L

Section 7
Explain why this shape is regular.

All its sides are equal length and (internal) angles are equal.

Section 8
Here is a table showing the favourite crisps of children in a school.

One quarter of the children chose smoky bacon. How many children chose smoky bacon?

Flavour	Number
Ready Salted	35
Cheese & Onion	83
Salt & Vinegar	62
Smoky Bacon	

60