

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:

 $87 \times 10 =$
 $202 \times 10 =$
 $910 \div 10 =$
 $5060 \div 10 =$

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

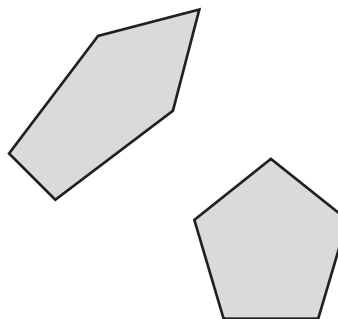
Section 6

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. 243 559

Section 2

Calculate the following in your head:

$$26 + 12 = 38$$

$$36 + 35 = 71$$

$$49 - 23 = 26$$

$$72 - 43 = 29$$

Section 3

Calculate:

$$87 \times 10 = 870$$

$$202 \times 10 = 2020$$

$$910 \div 10 = 91$$

$$5060 \div 10 = 506$$

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

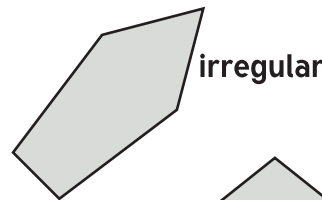
How many litres in a 330ml can of lemonade?



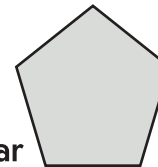
0.33 L

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:

$$47 + 26 = \boxed{}$$

$$15 + 76 = \boxed{}$$

$$81 - 27 = \boxed{}$$

$$101 - 18 = \boxed{}$$

Section 3

Calculate:

$$7.2 \times 100 = \boxed{}$$

$$3.02 \times 100 = \boxed{}$$

$$330 \div 100 = \boxed{}$$

$$9170 \div 100 = \boxed{}$$

Section 4

Use the < or > signs to compare these fractions:

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

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

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

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:

$$47 + 26 = \boxed{73}$$

$$15 + 76 = \boxed{91}$$

$$81 - 27 = \boxed{54}$$

$$101 - 18 = \boxed{83}$$

Section 3

Calculate:

$$7.2 \times 100 = \boxed{720}$$

$$3.02 \times 100 = \boxed{302}$$

$$330 \div 100 = \boxed{3.3}$$

$$9170 \div 100 = \boxed{91.7}$$

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?

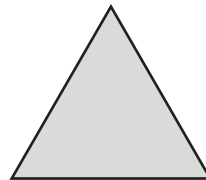


0.99L

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.

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

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

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:

$$0.82 \times 1000 =$$

$$14.08 \times 1000 =$$

$$701 \div 1000 =$$

$$9102 \div 1000 =$$

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.

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

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

$$\frac{1}{5} < \frac{1}{4}$$
$$\frac{5}{6} > \frac{3}{4}$$
$$\frac{5}{8} = \frac{15}{24}$$

Section 5

Write the following numbers in numerals:

sixty-five point five six

65.56

one hundred and four point zero two

104.02

fifty point zero five

50.05

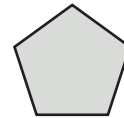
Section 6

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.

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

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

60