

Name	
Class	
Class	
Tutor	
Group	

YEAR 7 MATHEMATICS

Retrieval Booklet

Half Term 1

× 1	Year 7										
	Week 1 Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
					Nun	nber					
Autumn	Place Value		Addition, Subtraction and their Applications Multiplication, Division and their Applications				Negative Numbers				
		Nur	nber					Algebra			
Spring	Negative Numbers (continued)	s Fractions				Algebraic Manipulation			Sequences		
	Geometry a	nd Measure	easures Nur			mber		S	Statistics and Probability		.y
Summer	Ang	gles			FC)P		Probabi	lity, Venns a	nd Two-Wa	y Tables

Content	Page
HT1 Retrieve & Retain Starters	2
N1: Place Value - Knowledge Organiser	6
N1: Place Value - Knowledge Organiser Quiz	7
N1: Place Value - End of Booklet Review	8
N1: Place Value - End of Booklet Follow Up Qs	13
N2: Addition, Subtraction and their Applications - Knowledge Organiser	20
N2: Addition, Subtraction and their Applications - Knowledge Organiser Quiz	21
N2: Addition, Subtraction and their Applications - End of Booklet Review	22
N2: Addition, Subtraction and their Applications - End of Booklet Follow Up Qs	31

Cumulative R&R: Retrieve & Retain

		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
1	Division of a single digit by 10							二
2	Multiplication 2 digit x 1 digit numbers							
3	Missing fractions which sum to 1							
4	Multiplication 2 digit by 2 digit							
5	Subtraction of up to 3 dgit numbers							
6	Finding missing numbers additions/subtraction							
7	Calculating change from £5							
8	Calculating a fraction of a quantity							
9	Comparing time intervals							
10	Language of shape		·	·		·		

Question 1	Question 2
Work out 14 ÷ 10	Calculate 89 × 3
Question 3	Question 4
Complete $\frac{8}{10} + \frac{?}{10} = 1$	Calculate 13 × 19
Question 5	Question 6
Work out 280 - 214	Find the missing number 306 + = 450
Question 7	Question 8
How much change would you get from £5 if you spent £1 and 3p?	Work out $\frac{1}{4}$ of 20?
Question 9 Complete using <= or >: 9 years ? 109 months	Question 10 How many vertices does a parallelogram have?
Complete using <= or > . 3 years ? 109 months	now many vertices does a parallelogram have?

Week 2

Question 1	Question 2
Work out 7 ÷ 10	Calculate 79 × 2
Work out 7 ÷ 10	Calculate 79 × 2
Question 3	Question 4
Complete $rac{2}{3}+rac{??}{3}=1$	Calculate 14 × 15
Question 5	Question 6
Work out 697 - 232	Find the missing number 442 = 154
Question 7	Question 8
How much change would you get from £5 if you spent £4 and 21p?	Work out $\frac{1}{4}$ of 24?
	Work out $\frac{1}{4}$ or 24?
Question 9	Question 10
Complete using <= or > : 3 days ? 73 hours	Draw an acute angle

Question 1 Work out 8 ÷ 10	Question 2 Calculate 99 × 8
Question 3 ${\it Complete} \ {\textstyle \frac{4}{6}} + {\textstyle \frac{{\tiny \fbox{?}}}{6}} = 1$	Question 4 Calculate 24 × 12
Question 5 Subtract 174 from 477	Question 6 Find the missing number 567 = 261
Question 7 How much change would you get from £5 if you spent £1 and 13p?	Question 8 What is one third of 33 ?
Question 9 Complete using <= or > : 1459 days ? 4 years	Question 10 How many edges does a cube have?
	3

Week 4

Question 1	Question 2
Work out 17 ÷ 10	Calculate 79 × 5
Question 3	Question 4
2 2	Calculate 21 × 14
Complete $\frac{3}{5} + \frac{?}{5} = 1$	Calculate 21 × 14
. 5 . 5	
Question 5	Question 6
Subtract 214 from 673	Find the missing number 402 = 243
Question 7	Question 8
How much change would you get from £5 if you spent £4 and 38p?	Work out $\frac{3}{4}$ of 8?
	Work out 4 or 8?
Overtion 0	Overtion 40
Question 9	Question 10
Complete using <= or > : 193 hours ? 8 days	How many edges does a hexagon have?
1	1

Question 1	Question 2
Work out 22 ÷ 10	Calculate 46 × 8
Question 3	Question 4
1 ?	Calculate 17 × 23
Complete $\frac{1}{3} + \frac{?}{3} = 1$	
Question 5	Question 6
Work out 472 - 321	Find the missing number 469 + = 895
Question 7	Question 8
How much change would you get from £5 if you spent £3 and 12p?	What is three quarters of 88 ?
, , , , , , , , , , , , , , , , , , , ,	
Question 9	Question 10
Complete using <= or > : 1096 days ? 3 years	Draw an obtuse angle
	2.01.01.02.00.0
	4

Week 6

Question 1	Question 2
Work out 24 ÷ 10	Calculate 56 × 3
Question 3	Question 4
Question 5	
Complete $\frac{5}{7} + \frac{?}{7} = 1$	Calculate 23 × 25
Complete 7 1 7 — I	
Question 5	Question 6
Work out 718 - 597	Find the missing number 420 + = 636
Work ode 710 - 557	1 ma the missing number 420 1 = 050
Question 7	Question 8
How much change would you get from £5 if you spent £2 and 25p?	Work out $\frac{1}{3}$ of 33?
	Work out 3 or 55:
Overtion 0	Overtion 40
Question 9	Question 10
Complete using <= or > : 2 days ? 47 hours	How many edges does a decagon have?

Question 1 Work out 3 ÷ 10	Question 2 Calculate 32 × 2
Question 3 $ {\sf Complete} \ {\textstyle\frac{6}{7}} + {\textstyle\frac{\boxed{?}}{7}} = 1 $	Question 4 Calculate 14 × 22
Question 5 Subtract 415 from 813	Question 6 Find the missing number 744 + = 999
Question 7 How much change would you get from £5 if you spent £1 and 35p?	Question 8 Work out $\frac{3}{4}$ of 20?
Question 9 Complete using <= or > : 2921 days ? 8 years	Question 10 How many vertices does a square based pyramid have?

Knowledge Organiser

Key Word	Definition
Integer	A whole number, can be positive or negative. No decimal or fractional part.
Digit	Any of the numerals 0-9 used to form a number
Positive	All numbers which appear to the right of the 0 on a number line.
Inequality	A relationship between two numbers or expressions that are not exactly equal.
Decimal	A number that is not whole, as it lies between whole numbers.
Negative	All numbers which appear to the left of the 0 on a number line.
Rounding	The process of finding an approximation for a number to a given accuracy
Median	The value at the centre of a numerically ordered list of values.
Powers	A way of showing a number is multiplied by itself a certain amount of times
Standard Form	A number is written in standard form when it is written in the form $a \times 10^n$, where $1 \le a < 10$, and n is an integer.
Binary	A way of representing numbers using only two digits, 0 and 1.

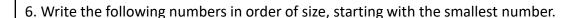
Knowledge Organiser Quiz

Question	Answer
An integer is a number. It can be or No decimal or fractional part.	
A digit is any of the numerals used to form a number	
Positive numbers are numbers which appear to the of the on a number line.	
An inequality is a relationship between two numbers or expressions that are not exactly	
A decimal is number that is not, as it lies whole numbers.	
Negative numbers are numbers which appear to the of the on a number line.	
Rounding is the process of finding an for a number to a given	
The median is the value at the of a numerically list of values.	
Powers are a way of showing a number is by itself a certain amount of times.	
A number is written in standard form when it is written in the form, where $1 \le a < 10$, and n is an integer.	
Binary is a way of representing numbers using only digits, and	

End of Booklet Review

		<u> </u>			<u></u>		
1. a) Write down the val	ue of 6 in	5369				
b) Write down the val	ue of 6 in	260,000				
С) Write down the val	ue of 6 in	62,000,0	000			
2. a) Write down the nui	mber thre	e hundre	ed and	nine i	n figures	
b)) Write down the nur	mber nine	billion in	n figure	s		
c)	Write down the nur	nber seve	nty two	thousa	nd, ei	ght hundred a	nd six in figures
3. He	ere are 4 digits	5	1		4	8	
	The c	ligits can l	oe arrang	ged to r	nake d	other numbers	
a)	Write down the larg	est numb	er that ca	an be m	ade		
b)	Write down the sma	allest num	ber that	can be	made	- L _E ,	; !=========!
c)	Write down the sma	allest three	e digit nu	ımber t	hat ca	n be made	<u>j</u>
4. a)	Write down the num	ber marke	ed by the	arrow	on th	e number line	below
	500		500	1		700	
b)	Mark the number 44	0 on the r	number li	ine belo	ow.		
	200 300	111	400	5	00	600	-
5. a)	? > 6. Circle the nu	ımbers tha	at ? could	d be.			
		3	9	8	6	7	
b)	? ≤ 5. Circle the nu	mbers tha	at ? could	l be.			
		5	6	3	0	7	

End of Booklet Review



a) 32 18 52



7. Insert the correct symbol, <, >, \le , \ge , = or \ne between each pair of numbers:



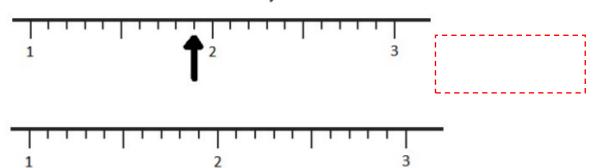


6.51





8. Write down the number marked by the arrow on the number line above.



Find the number 2.7 on the number line above. Mark it with an arrow.

Write the following numbers in increasing order, i.e. start with the smallest one 9.



10. Arrange the following numbers in order from biggest to smallest

1, 7, 8, -5, -10, -4

-5 10

End of Booklet Review

11. a) Round 3289 correct to the nearest thousan	d
L	
b) Write 104.735 to the nearest 100	
<u> </u>	
c) Round 6.45 to the nearest integer	
12. a) Write 104.735 correct to 2 decimal places	,
b) Round 105.735 correct to 1 decimal place	
	Ŀi
c) Write 2.49 correct to 1 decimal place.	[]
	L
13 a) Write the number 104 735 to 3 significant f	figures
13. a) Write the number 104.735 to 3 significant f	igures.
13. a) Write the number 104.735 to 3 significant f	igures.
13. a) Write the number 104.735 to 3 significant f	igures.
13. a) Write the number 104.735 to 3 significant f	figures.
	igures.
	igures.
b) 0.05076 to two significant figures.	igures.
b) 0.05076 to two significant figures. 14. A hockey team played 6 times.	
b) 0.05076 to two significant figures. 14. A hockey team played 6 times. Here is the number of goals they scored in each 11 6	ach game. 3 8 7 16
b) 0.05076 to two significant figures. 14. A hockey team played 6 times. Here is the number of goals they scored in each	ach game. 3 8 7 16
b) 0.05076 to two significant figures. 14. A hockey team played 6 times. Here is the number of goals they scored in each 11 6	ach game. 3 8 7 16
b) 0.05076 to two significant figures. 14. A hockey team played 6 times. Here is the number of goals they scored in each 11 6	ach game. 3 8 7 16
b) 0.05076 to two significant figures. 14. A hockey team played 6 times. Here is the number of goals they scored in each 11 6	ach game. 3 8 7 16
b) 0.05076 to two significant figures. 14. A hockey team played 6 times. Here is the number of goals they scored in each 11 6	ach game. 3 8 7 16

End of Booklet Review

End of Booklet	: Keview
15. Convert 110000000 into standard form.	
Convert '471500 into standard form.	
Write 0.92 x 10 ⁷ in standard form	
16. The following numbers are all given in standar	d form. Write them in ascending order
$6 imes 10^2, \; 4 imes 10^7, \; 1.2 imes 10^6,$	$1.46 \times 10^2,~8.5 \times 10^4$
17. a) Write the following numbers in standard for	m:
i) 0.002	ii) 0.006015
b) Write the following numbers in ordinary for	m:
i) 3 × 10 ⁻⁶	ii) 4.8 × 10 ⁻⁴
18. The following numbers are written in standard for $4.6\times 10^{-1},\ 1.98\times 10^{-5},\ 6\times 10^{-1}$	
19. a) Write the decimal number 55 as a binary nu	mber
b) Write the binary number 1011010 as a decin	nal number

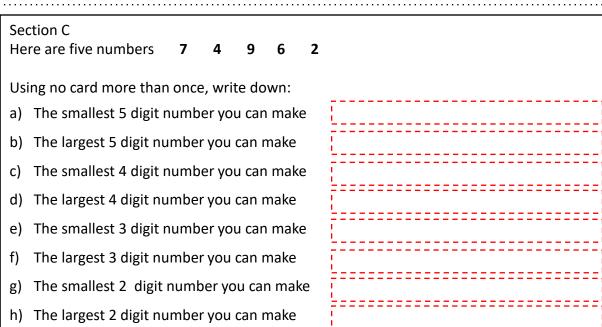
End of Booklet Review

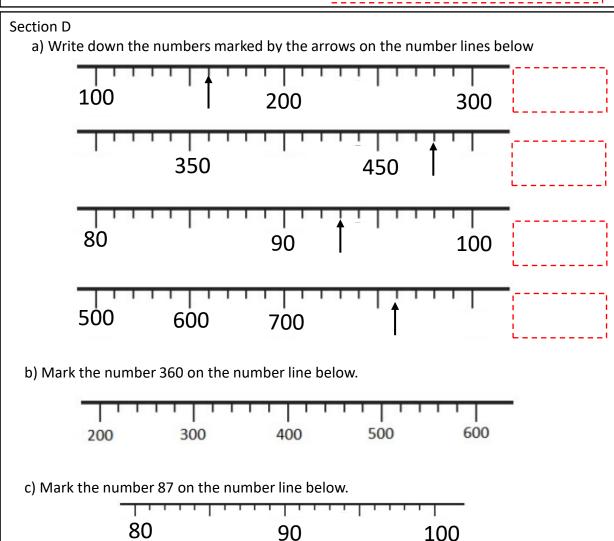
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
/3	/3	/3	/2	/2	/2	/2	/2	/2
А	В	С	D	E	F	G	Н	ı

Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19
/2	/3	/3	/2	/1	/3	/1	/4	/1	/2
J	К	L	М	N	0	Р	Q	R	S

Complete these sections for the questions you didn't get full marks on

Section A
a) Write down the value of 7 in 5379
b) Write down the value of 7 in 5739
c) Write down the value of 7 in 5937
d) Write down the value of 7 in 570,039
e) Write down the value of 7 in 7,000,000
f) Write down the value of 7 in 8,700,000
Section B
a) Write down the number six hundred and eight in figures
b) Write down the number four hundred and twenty in figures
c) Write down the number one thousand and six in figures
d) Write down the number eight billion in figures
e) Write down the number three billion, five hundred and twelve in figures.
f) Write down the number ninety one thousand, four hundred and thirteen in figures
g) Write down the number sixty seven thousand, four hundred and thirteen in figures





End of Booklet Follow Up Questions

Section E

a) ? > 7. Circle the numbers that ? could be.

7

7

7

b) ? < 7. Circle the numbers that? could be.

3

9

9

8

6

 $? \le 7$. Circle the numbers that ? could be.

3

6

d) $? \ge 7$. Circle the numbers that ? could be.

Section F

Order these values from largest to smallest

a) 11, 20, 9, 15, 14, 3

b) 83, 18, 45, 37, 90, 21

c) 605, 56, 566, 655, 506, 65, 555

d) 2000, 375, 7100, 2900, 999, 400

e) 18123, 18200, 18032, 18103, 18013

Section G

Insert the correct symbol, <, >, \le , \ge , = or \ne between each pair of numbers:

a) 7.2



7.1

b) 0.5



0.6

c) 8.32



8.23

d) 0.59



0.506

e) 1.01



f) 3.9



3.09



1.1



g) 5.834

5.843

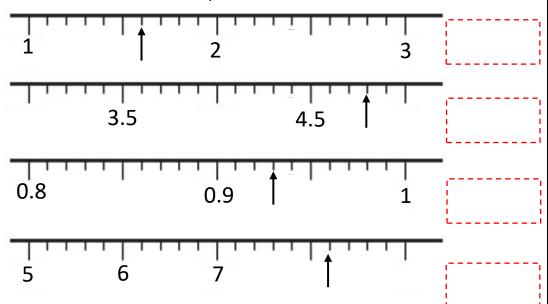
h) 62.391

62.0391

End of Booklet Follow Up Questions



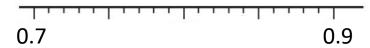
a) Write down the numbers marked by the arrows on the number lines below



b) Mark the number 3.6 on the number line below.

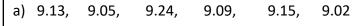


c) Mark the number 0.87 on the number line below.



Section I

Order from largest to smallest:



End of Booklet Follow Up Questions

Section J

Order from smallest to largest:

- a) 3, −5,

- b) -2, -8, -3,
- -6, 1
- c) 11, -9,
- 7,
- -10, -3,
- d) -25, 35, 15, -5,
- 25, -45,

20

e) 129, 101, -11, -111, 92, -91, 133, -29

Section K

Round 18004 to the nearest

- a) Ten
- b) Hundred
- c) Thousand
- d) Ten thousand

Round 57.835 to the nearest

- a) Ten
- b) Hundred
- c) Integer
- Round 1209.0845 to the nearest
- a) Ten
- b) Hundred
- c) Thousand
- d) Integer

Section L

Round 64.50312 to

- a) 1dp
- b) 2dp
- c) 3dp
- d) 4dp

Round 28.1793 to

- a) 1dp
- b) 2dp
- c) 3dp
- Round 1209.00845 to
- a) 1dp

End of Booklet Follow Up Questions

Section M

Round 18004 to

- a) 1 significant figure
- b) 2 significant figures
- c) 3 significant figures
- d) 4 significant figures

Round 57.835 to

- a) 1 significant figure
- b) 2 significant figures
- c) 3 significant figures

Round 0.80425 to

- a) 1 significant figure
- b) 2 significant figures
- c) 3 significant figures
- d) 4 significant figures

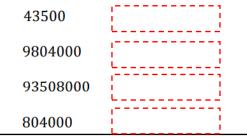
Section N

Calculate the median of the following:

- a) 605, 56, 566, 655, 506, 65, 555
- b) 18123, 18200, 18032, 18103, 18013
- c) 1.3, 1.07, 1.14, 1.6, 1.39
- d) 2000, 375, 7100, 2900, 999, 400
- e) 11, 20, 9, 15, 14, 3
- f) 83, 18, 45, 37, 90, 21
- g) 11, -9, -4, 7, -10, -3, -13
- h) -25, 35, 15, -5, 25, -45, 20

Section O

Write the following numbers in standard form:



$$72 \times 10^{3}$$

$$0.8 \times 10^{7}$$

$$3000 \times 10^{14}$$

$$0.46 \times 10^{5}$$

Section P

Write the following numbers in ascending order:

a)
$$3 \times 10^4$$

$$9 \times 10^3$$
 6×10^6 2×10^{10}

b)
$$5 \times 10^7$$

$$1.2 \times 10^{\overline{2}}$$
 $2.9 \times 10^{\overline{5}}$ $8.4 \times 10^{\overline{8}}$

c)
$$\sim 7.7 \times 10^4$$

$$3.51 \times 10^5$$
 9.89×10^7 1.27×10^9

End of Booklet Follow Up Questions

Section Q

Write the following numbers in standard form:

Write the following numbers in ordinary form:

$$3.16 \times 10^{-5}$$

$$8.62 \times 10^{-4}$$

$$7.09 \times 10^{-6}$$

$$5.71 \times 10^{-3}$$





Write the following numbers in descending order:

$$2 \times 10^{-3}$$

$$7\times10^{-2}$$

$$3 \times 10^{-6}$$

$$9 \times 10^{-8}$$

$$4.8 \times 10^{-4}$$

$$6.7 \times 10^{-3}$$

$$9.2 \times 10^{-6}$$

$$4.1 \times 10^{-2}$$

$$2.05 \times 10^{-8}$$

$$4.112 \times 10^{-2}$$
 1.651×10^{-3}

$$1.651 \times 10^{-3}$$

$$2.0019 \times 10^{-7}$$

Section S

Convert the following from decimal to binary numbers



37

1.5		
1 5		
	1	-

59

Convert the following from binary to decimal numbers

100011

111101

Knowledge Organiser

Key Word	Definition
Addition	The process of calculating the total of two or more numbers.
Subtraction	A mathematical operation in which the difference between two numbers or quantities is calculated. Usually indicated by the symbol '-'.
Commutative	Of a calculation, giving the same result whatever order the values are in.
Associative	Of a calculation, giving the same result however the values are grouped.
Integer	A whole number, can be positive or negative. No decimal or fractional part.
Decimal	A number that is not whole, as it lies between whole numbers.
Perimeter	The total length of the distance around the outside of a shape.
Irregular Shape	Shapes which do not have same side lengths or same size angles
Regular Shape	Shapes with all sides of equal length and all angles of equal measure
Parallelogram	A quadrilateral with both pairs of opposite sides parallel to each other
Trapezium	A quadrilateral with two parallel sides of unequal length.
Isosceles	In a triangle, with two sides of equal length. In a trapezium, with the two nonparallel sides of equal length.
Compound	A shape made up of two or more basic shapes
Frequency	The number of times that an event occurs within a given period
Standard Form	A number is written in standard form when it is written in the form $a \times 10^n$, where $1 \le a < 10$, and n is an integer.

Knowledge Organiser Quiz

Question	Answer
Addition is the process of the of two or more numbers.	
Subtraction is a mathematical operation in which the between two numbers or quantities is calculated. Usually indicated by the symbol	
Commutative, of a calculation, is giving the result whatever the values are in.	
Associative, of a calculation, is giving the result however the values are	
An integer is a number. It can be or No decimal or fractional part.	
A decimal is number that is not, as it lies whole numbers.	
A perimeter is the total of the distance around the of a shape.	
Irregular Shapes are shapes which do not have same or same size	
Regular Shapes are shapes with all sides of and all angles of	
A parallelogram is a quadrilateral with both pairs of sides to each other.	
A trapezium is a quadrilateral with two sides of length.	
An isosceles triangle has two of An isosceles trapezium has two sides of equal length.	
A compound shape is a shape made up of or more basic	
Frequency is the of times that an occurs within a given period	
A number is written in standard form when it is written in the form, where $1 \le a < 10$, and n is an integer.	

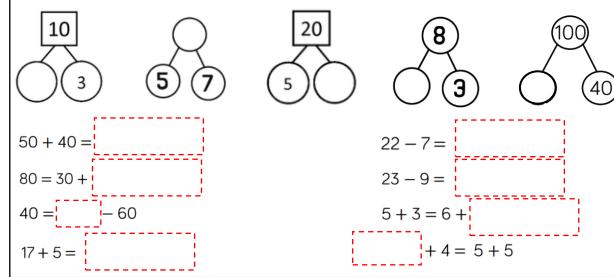
End of Booklet Review

1. Use the bar model to complete the number sentences:

600				
200	400			

+_	_=600	$600 = _{-}$	+
+_	_=600	$600 = _{-}$	+
	_= 400	400 = _	
_	= 200	200 =	_

2. Complete the part-whole models:



3.

a) Which of the following represents the commutative property of addition?

$$9 + 7 = 7 + 9$$

$$5 + 1 = 4 + 2$$

$$8 + 3 = 6 + 5$$

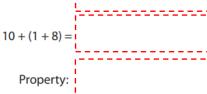
b) Which of the following does not represent the commutative property of addition?

$$8 + 6 = 6 + 8$$

$$10 + 2 = 10 + 2$$

$$4 + 5 = 5 + 4$$

- c) If 356 + 79 = 435, then 79 + 356 =
- d) Complete the following: (10 + 1) + 8 =



e) (125 + 347) + 88 = 125 + (347 +

End of Booklet Review

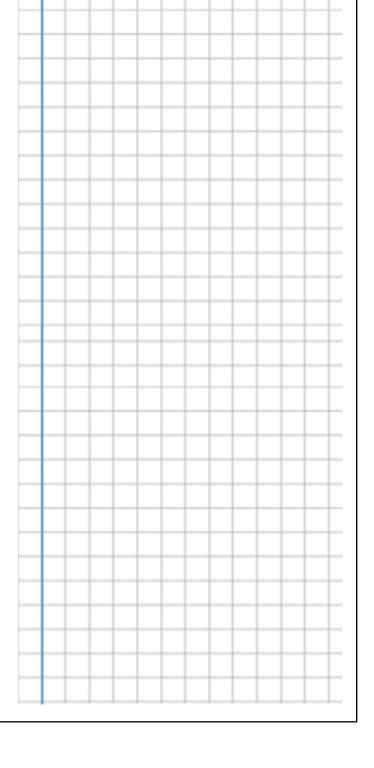
4. Calculate the following:

i) Fill in the missing digits:

				_
+	6	3	9	5
	8	9	4	9

j) Fill in the missing digits:

	6	?	?	8
+	?	?	8	?
	9	3	2	5



End of Booklet Review

5. Calculate the following:

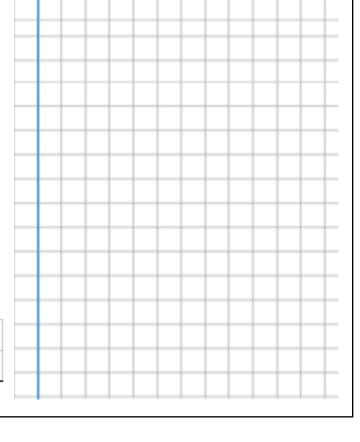
i) Fill in the missing digits:

	8			
+		3	9	5
	8	9	4	9

j) Decide whether each of these are ways to set out 4.38 + 7.9

4		3	8
	7		9 +

4	3	8	
7	9		+



24

End of Booklet Review

6. Calculate the following:

k) Rosie completes this subtraction incorrectly. Explain her mistake and how to correct it. 28701

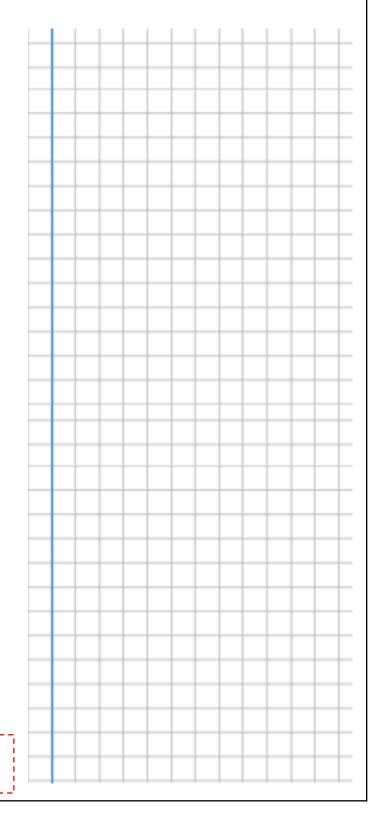
- 7621 21180

End of Booklet Review

7. Calculate the following:

k) Spot the mistake:

	8	1	6
_	3	5	4
	5	4	2



End of Booklet Review

- 8.
- a) John spends £112.50 on ingredients and £17.80 on advertising for a cake sale.

He sells all the cakes for a total of £145.12.

Does he make a profit or a loss?

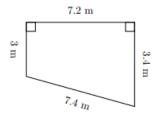
How much profit or loss does he make?

b) Complete the bank statement.

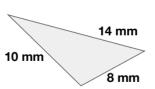
Date	Description	Credit (£)	Debit (£)	Balance (£)
Mar 1 Opening balance				93.68
Mar 3	Gas bill		84.17	
Mar 7	Wages	312.72		
Mar 9	Rent		145.10	

9. Work out the perimeters of each of these irregular polygons:

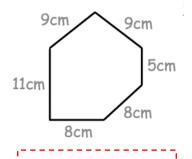
a)



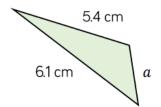
b)



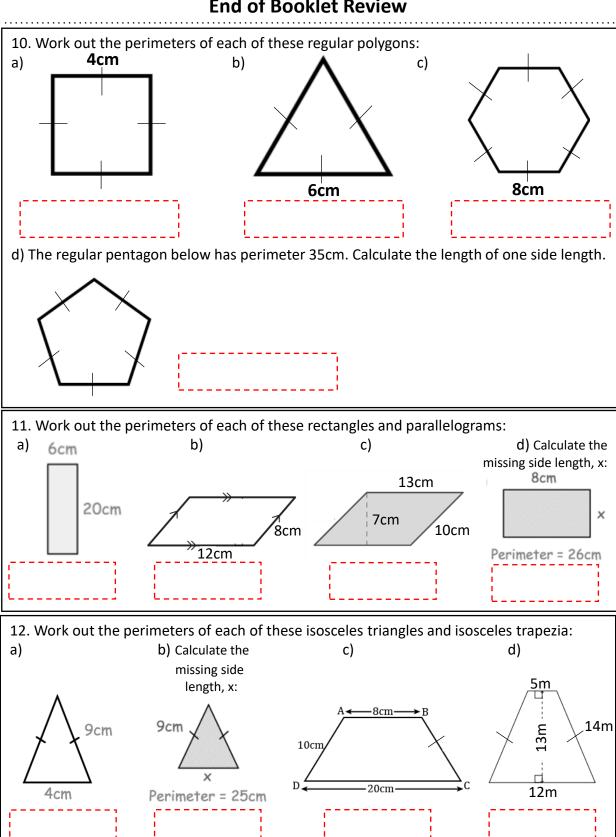
c)



d) The perimeter of this shape is 14.2cm. What is the length of the missing side?

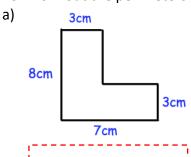


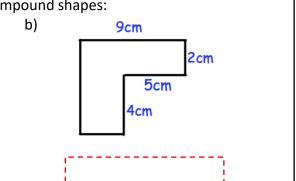
End of Booklet Review



End of Booklet Review

13. Work out the perimeters of each of these compound shapes:





14. a) The table below shoes part of the results of a survey in a school with 900 students.

Complete the table below:

le below:	Left-handed	Right-handed	Total
Girls	34		361
Boys		463	
Total			

b) Here is a bus timetable. How long does it take to get to Ware, if you take the 1005 bus

from Harton?

Harton 1005		1045	1130
Bridge 1024		1106	1147
Aville	1051	1133	1205
Ware	1117	1202	1233

15. a) Complete the frequency tree, using the information below:

80 people took their driving test one week.

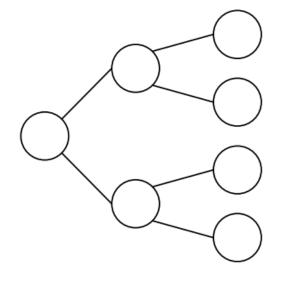
45 of the people were men.

28 of the men passed their test.

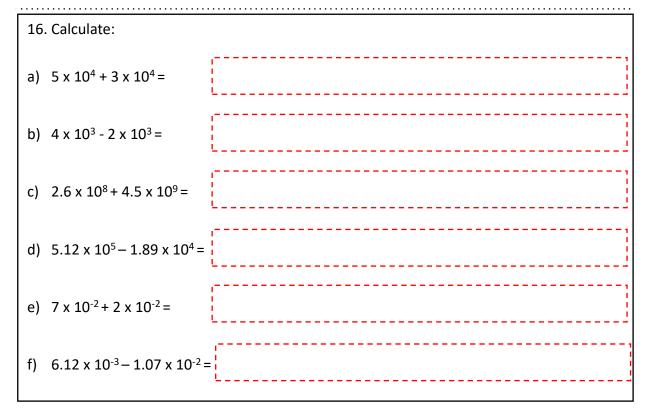
27 of the women passed their test.

b) How an more men than women did <u>not</u> pass their test?





End of Booklet Review



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
/8	/13	/7	/10	/11	/11	/11	/4
А	В	С	D	E	F	G	Н

Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
/4	/4	/4	/4	/2	/7	/8	/6
ı	J	К	L	М	N	0	Р

End of Booklet Follow Up Questions

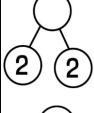
Section A

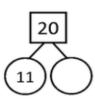
Use the bar model to complete the number sentences:

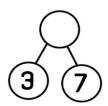


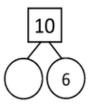
Section B

Complete the part-whole models:



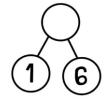


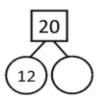




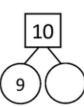




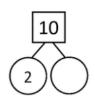












End of Booklet Follow Up Questions

Section B (continued)

p)
$$6 + = 7 + 8$$

Section C

Property:

Property:

Property:

Property:

End of Booklet Follow Up Questions

Section D

a)
$$16 + 299 = 1$$

b)
$$6093 + 21 =$$

c)
$$96 + 900 =$$

d)
$$118 + 8391 =$$

e)
$$2054 + 3822 =$$

f)
$$2690 + 62 =$$

g)
$$25 + 56 =$$

h)
$$2621 + 98 =$$

i)
$$237 + 33 =$$

$$270 + 684 =$$

h)
$$427 + 632 =$$

$$8289 + 685 =$$

$$7707 + 5226 =$$

k)
$$690 + 287 =$$

$$4617 + 213 =$$

m)
$$497 + 63 =$$

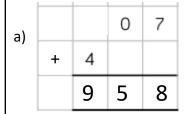
n)
$$951 + 40 =$$

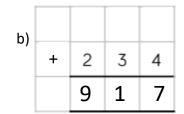
o)
$$48 + 692 =$$

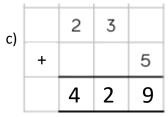
p)
$$2138 + 766 =$$

q)
$$73 + 4286 =$$

Fill in the missing digits:







Section E

f) 140.639 + 91.41 =

Fill in the missing digits:

Decide whether each of these are ways to set out 4.38 + 7.9

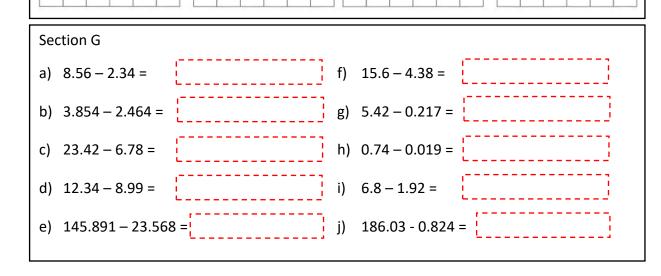
	6	8 4	1	8
+			- 8	
	7	3		5

4	3	8	
7	9	0	+

4	3	8	
7	9	+	

End of Booklet Follow Up Questions

Section F a) 874 - 362 = h) 2913 - 117 = i) 975 - 349 = b) 384 - 183 = c) 876 - 162 = j) 5189 - 192 = d) 583 - 75 = k) 543 - 199 = e) 2743 - 634 = I) 7521 - 238 = f) 4365 - 1256 = m) 4265 - 2098 = g) 5824 - 498 = n) 6234 - 152 = h) 413 - 227 = o) 1875 - 299 = i) 341 - 97 = p) 4231 - 748 = j) 3827 - 171 = q) 6792 - 2568 = Spot the mistakes: d) b) c) a) 8 5 8



End of Booklet Follow Up Questions

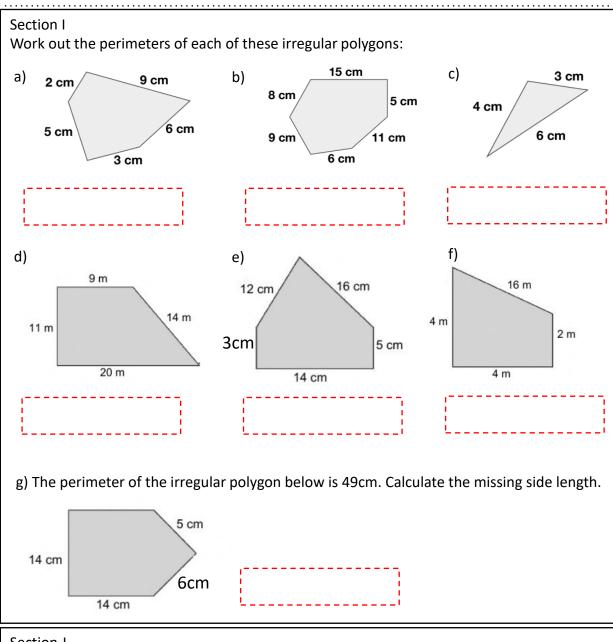
Section G (continued)																				
Spot the mistakes:																				
a	a) b) c)																			
		7		6					5	•	3	9				5		8	3	
	_	6		5	4			-	3	•	0	7			-		2	•	4	
		1		1	4				2	•	3	6				3	•	7	9	
a)b)c)d)e)	Section H a) A bracelet costs £3.99 and a bobble costs £1.29. How much change should there be from £10 if I buy both items? b) A pair of shoes cost £29.99 and a belt costs £12.49. How much change should there be from £50 if I buy both items? c) A shirt costs £14.99 and a pair of socks costs £3.49. How much change should there be from £30 if I buy both items? d) A book costs £8.99 and a pen costs £1.79. How much change should there be from £15 if I buy both items? e) A toy car costs £5.99 and a puzzle costs £2.49. How much change should there be from £20 if I buy both items? f) A pack of sweets cost £1.49 and a bottle of juice costs £2.99. How much change should there be from £5 if I buy both items?																			
	Transaction Deposit (£) Withdrawal (£) Balance (£)																			
						alance	-	JIC (1	-1	-	aı	ava	. (-)	D a		C (±)				
				alary	.6 00	2.01100	1500.	25		_										
				ent			-			800	0.99									
				rocei	ries		-).55									

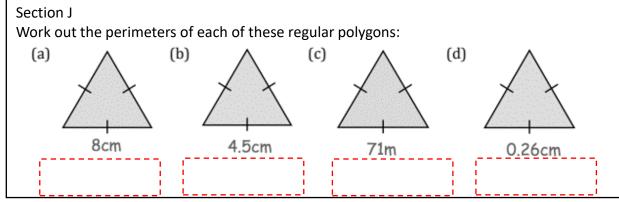
80.75

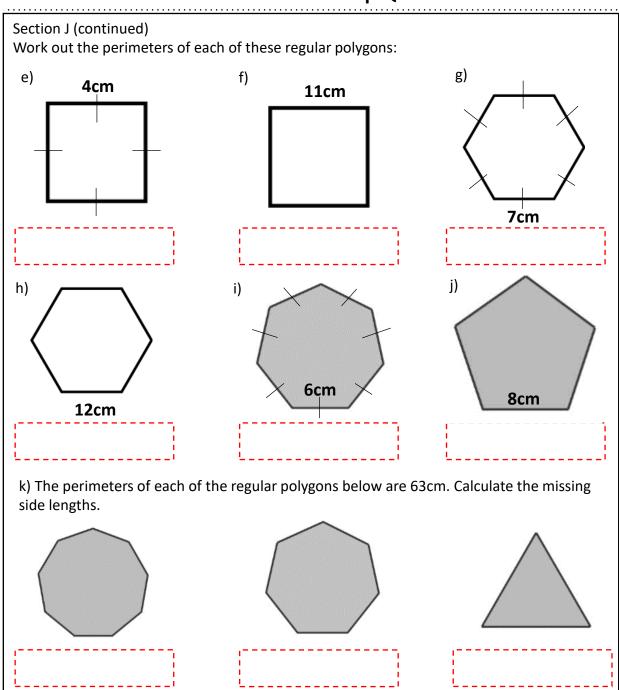
50.80

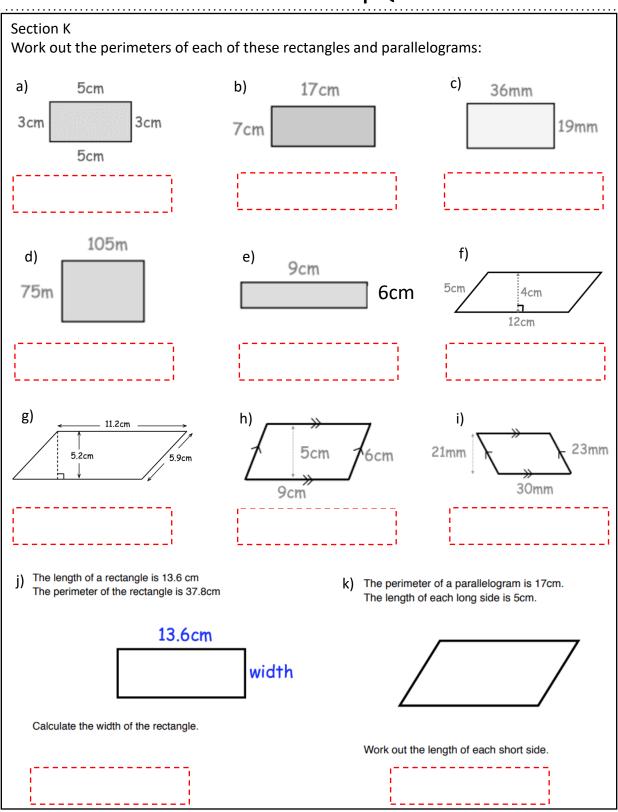
Electricity Bill

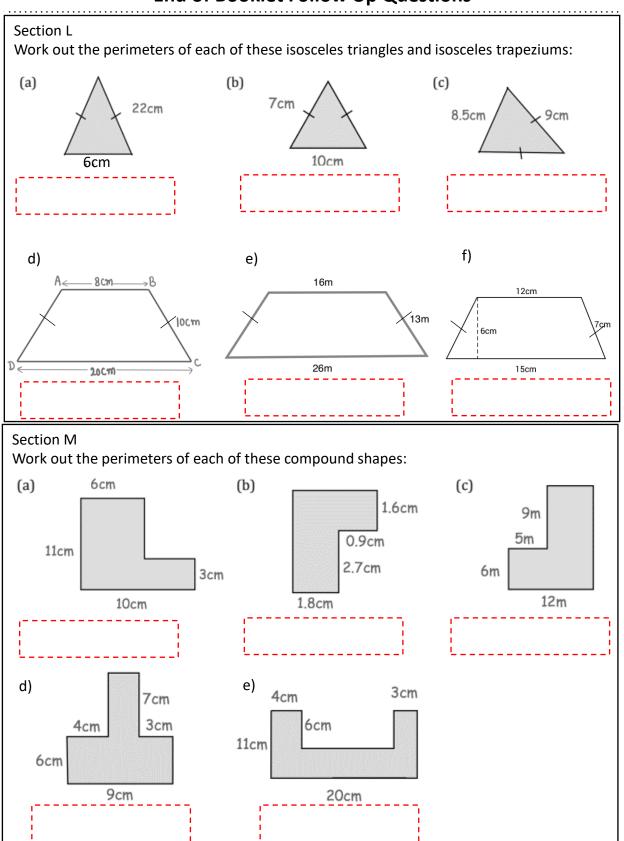
Bonus











End of Booklet Follow Up Questions

Section N

a) 80 students visited a library across three days. Complete the two-way table:

	Monday	Tuesday	Wednesday	Total
Year 7			13	38
Year 8	14			
Total		33	26	80

b) A cinema records information about 360 customers that visited over the weekend. Complete the two-way table:

Day	Adults	Children	Total
Saturday		115	212
Sunday			
Total	143		360

Here is a bus timetable. Calculate how long it takes to:

c)	Get from Bridge to Arville on the 1024 bus	
		-

Harton	1005	1045	1130	
Bridge	1024	1106	1147	
Aville	1051	1133	1205	
Ware	1117	1202	1233	

d)	Get from	Bridge to	Ware on	the	1106	bus
----	----------	-----------	---------	-----	------	-----

1			
1			
1			

!	 	
:		
:		

f) Get f	rom Harton to	Aville on the	1045 bus
----------	---------------	---------------	----------

g) Get from Aville to Ware on the 1051	(Ge	t from	Aville	to	Ware	on	the	1051	bus
---	---	----	--------	--------	----	------	----	-----	------	-----

