Year 5
Block 1 Assessment

5

Section A – Read and Respond

Name:	Date:

Key Objectives Assessed	**Question**
Multiplying and dividing by 10 and 100	1, 2
Ordering positive and negative integers	3, 4
Rounding numbers to one or two decimal places	5, 6, 7
Relate fractions to division and their equivalent decimals	9
Calculate differences mentally	10
Other Objectives Assessed	
Finding fractions of numbers or quantities	8

Correct Responses	**Mark**

Overall Level for BLOCK 1 A & B

1.

Write the number that should go in the empty box

a. 7 x 10 = ☐

b. 10 x ☐ = 170

c. 107 x 10 = ☐

d. 1007 x 10 = ☐

e. 13 x 100 = ☐

f. 100 x ☐ = 1400

g. ☐ x 100 = 900

h. 76 x 100 = ☐

(2)

2.

Write the number that should go in the empty box

a. 130 ÷ 10 = ☐

b. ☐ ÷ 10 = 26

c. 2070 ÷ 10 = ☐

d. ☐ ÷ 10 = 300

e. 3700 ÷ 100 = ☐

f. ☐ ÷ 100 = 6

g. ☐ ÷ 100 = 90

h. 8300 ÷ ☐ = 83

(2)

3.

Write out these sets of numbers in order from the **lowest** to the **highest numbers**

a.   109   90   990   909   1009

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b.   -2   -8   -1   -6   -4

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(1)

4.	Look at the temperature chart for world cities	

City	Temperature
London	2°C
Oslo	-5°C
Moscow	-17°C
Montreal	-24°C
Warsaw	-8°C

a. Which city was the coldest? _____

b. Which city was the warmest? _____

c. How much warmer was London than Oslo? _____

d. Which city had a temperature between $-10°C$ and $-20°C$?

_____

(2)

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5. Round these decimal numbers to the **nearest** whole number

Decimal Number	Rounded to the nearest whole number
7.2	7
6.7	
9.8	
20.3	
99.7	
200.4	

(2)

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6. Round these decimal numbers to the **nearest** whole number

Decimal Number	Rounded to the nearest whole number
6.12	6
9.47	
9.96	
19.72	
98.54	

(2)

| 7. | a. Round 6.1m to the nearest metre _____m
b. Round 5.8kg to the nearest kilogram _____kg
c. Round 5.52km to the nearest kilometre _____km
d. Round 11.49kg to the nearest kilogram _____kg
e. Round £3.52 to the nearest pound £_____
f. Round £5.99 to the nearest pound £_____
g. Round £19.99 to the nearest pound £_____
h. Round £24.45 to the nearest pound £_____ | (2) |

| 8. | Calculate
a. $\frac{1}{2}$ of 72p = _____p
b. $\frac{1}{4}$ of £2 = _____p
c. $\frac{1}{3}$ of 36m = _____m
d. $\frac{1}{5}$ of 55kg =_____kg
e. $\frac{1}{10}$ of 250g = _____g
f. $\frac{1}{7}$ of 56p = _____p
g. $\frac{1}{8}$ of £100 = £_____
h. $\frac{1}{9}$ of 81km = _____km | (4) |

9.

Complete the table below

Fraction	Equivalent Decimal
$\frac{1}{2}$	0.5
$\frac{1}{10}$	
	0.25
	0.2
$\frac{1}{100}$	
$\frac{3}{4}$	

(3)

| 10. | Calculate
a. 43 - 36 = _____
b. 404 - 397 = _____
c. 706 - 598 = _____
d. 804 - 592 =_____
e. 3000 - 1997 = _____
f. 2006 - 1999 = _____
g. 8005 - 2998 = _____
h. 6004 - 2992 = _____ | (2) |

Year 5
Block 1 Assessment

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Section B – Written Calculations

Name:	Date:

Key Objectives Assessed	**Question**
Know multiplication facts up to 10 x 10	1, 2
Addition and subtraction of positive integers less than 1000	3, 4
Use all four operations to solve word problems	5, 6
Carry out short multiplication 3 digit by single digit number	7
Other Objectives Assessed	
Classify triangles	8
Construct and measure straight lines to the nearest mm	9
Recognise positions, read and plot co-ordinates in the first quadrant	10
Interpret a bar line graph	11
Identify the 'mode' in a set of data	12

Mark

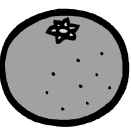# Year 5   Block 1 Assessment   Section B

1. Fill in the missing numbers

a. $6 \times 6 =$ _____   f. $56 = 7 \times$ _____

b. $7 \times 7 =$ _____   g. $63 = 9 \times$ _____

c. $8 \times 8 =$ _____   h. $8 \times 6 =$ _____

d. $9 \times 9 =$ _____   i. $9 \times$ _____ $= 72$

e. $7 \times$ _____ $= 42$ j. _____ $\times 6 = 54$

(2)

2.

Pear 7p   Orange 8p   Grapes 9p   Apple 6p

What is the cost of

a. 8 pears _____p   e. 9 oranges _____p

b. 7 grapes _____p   f. 8 apples _____p

c. 7 pears _____p   g. 7 oranges _____p

d. 4 grapes _____p   h. 9 apples _____p

(2)

3. Calculate

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  587          797          7587
  475 +        546 +         675 +
 _____       _____        _____
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(3)

4. Calculate

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  7 5 4        7 2 4        9 3 2 4
    8 6 -        3 8 6 -      6 1 7 7 -
 _____      _____      _____
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(3)

5.	Look at the map below which shows distances between towns in kilometres
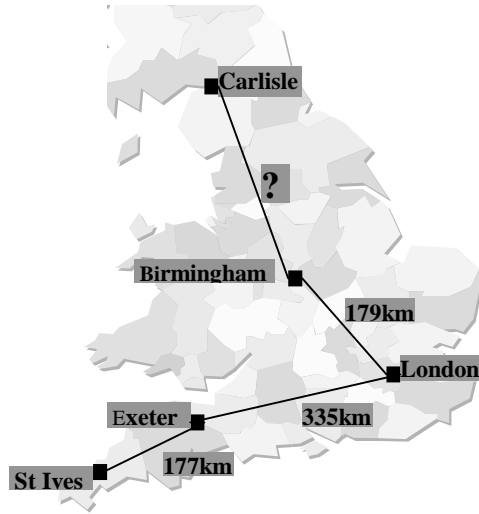
a. What is the distance from St Ives to London?
   Show your working out.

(2)

b. It is 527km from London to Carlisle. What is the distance from Birmingham to Carlisle? Show your working out.

(2)

6.	Find the total of **57 562 and 2187**. Show your working out.

(2)

7.	Show your working out for **all** of these questions

a.	What is 127 x 7?	(2)

b.	What is 235 x 8?	(2)

c.	What is 346 x 9?	(2)

d.	Bill saved £7 every week for one year. How much did he save?	(2)

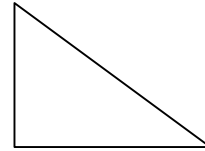| e.	Gerry bought nine 26 pence stamps. How much did they cost?	(2)

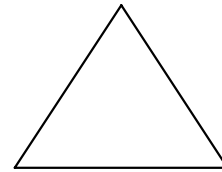**8.** Draw three lines to match the words to the correct triangle

Right-angled triangle
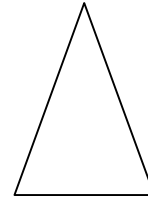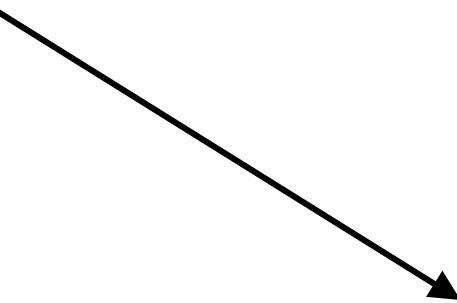
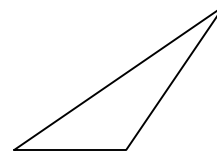Equilateral triangle

Scalene triangle

Isosceles triangle

(1)

9. Use a ruler to measure these lines

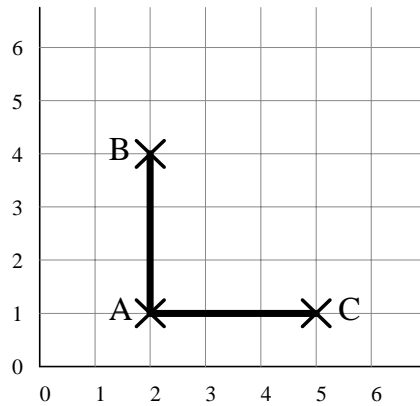a. _____ mm

b. _____ mm

c. _____ mm

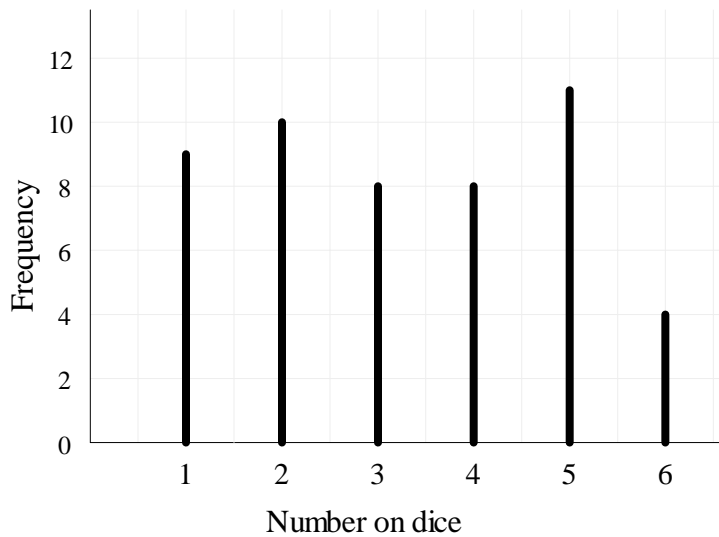d. Use a ruler to draw a straight line 72mm long. Start from the dot.

●

(2)

10.

a. Mark the position (with x) to complete the square.

b. What are the co-ordinates of position C ? (_____,_____)

(2)

11. This bar line chart shows how many times each number was thrown when a dice was rolled 50 times.

Scores on a dice rolled 50 times

a. How many times was the number 3 thrown? _____

b. Which number was rolled most often? _____

(1)

12.	A group of children weighed themselves. Look at their records.

Child	Mass
Bill	31kg
Pam	30kg
Will	32kg
Sam	33kg
Carl	34kg
Jill	33kg
Roy	37kg
Sue	32kg
Phil	33kg

a. Which was the most common mass? (mode) _____

b. Who had a mass greater than 35kg? _____

(2)