



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 3

Assessment Test 5

ANSWERS

Total: _____ / 228 _____ %

Pass mark is 70% 160 / 228

Maths Section

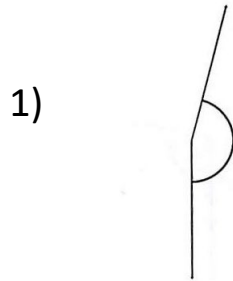
Mental arithmetic

Paper 15	Answer	Paper 16	Answer
1. 4 times 12.	48	1. 8 times 12.	96
2. 4 times 20.	80	2. 6 times 20.	120
3. 7 multiplied by 5.	35	3. 9 multiplied by 5.	45
4. 8 multiplied by 3.	24	4. 6 multiplied by 8.	48
5. 7 times 10.	70	5. 8 times 10.	80
6. Double 15.	30	6. Double 25.	50
7. Double 150.	300	7. Double 250.	500
8. How many two pence coins do you get for 30p?	15	8. How many two pence coins do you get for 50p?	25
9. How many fives make 30?	6	9. How many fives make 40?	8
10. Is 45 a multiple of 5?	yes	10. Is 54 a multiple of 5?	no

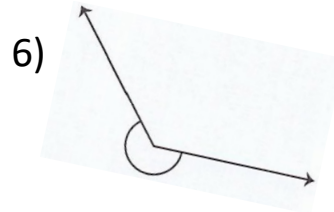
(20 marks)

Angles and Shapes

State whether the following angles are acute, obtuse, reflex or right:



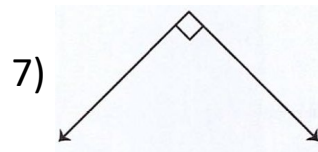
Obtuse



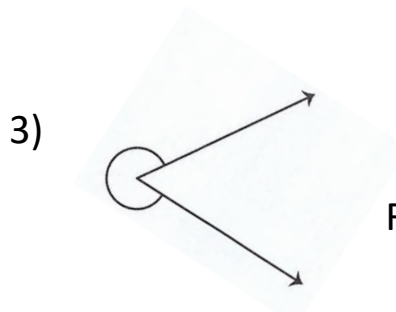
Reflex



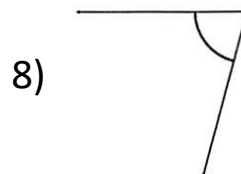
Obtuse



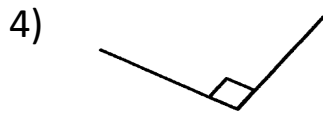
Right angle



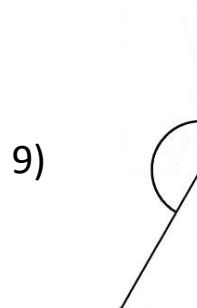
Reflex



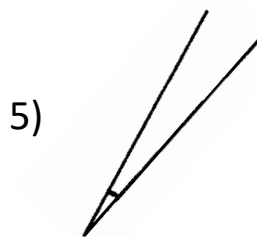
Acute



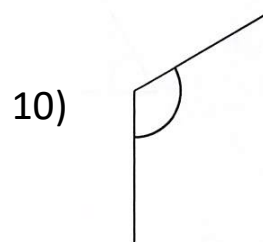
Right angle



Obtuse



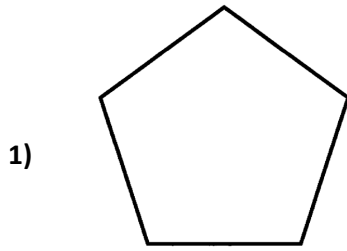
Acute



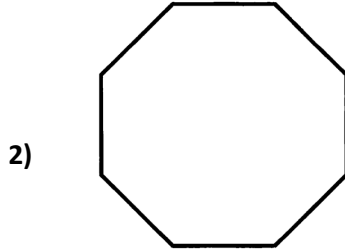
Obtuse

(20 marks)

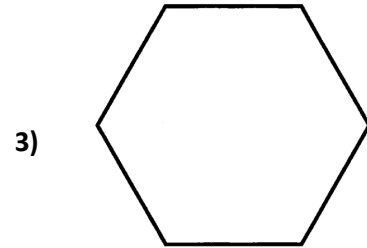
Name the shape



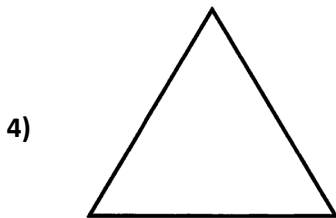
Number of sides 5
Name Pentagon



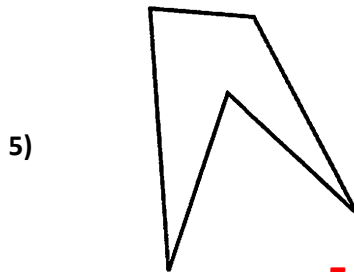
Number of sides 8
Name Octagon



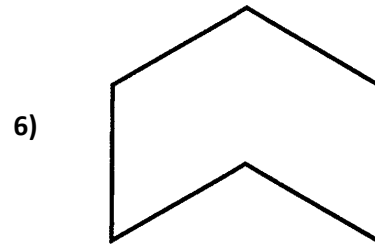
Number of sides 6
Name Hexagon



Number of sides 3
Name Triangle



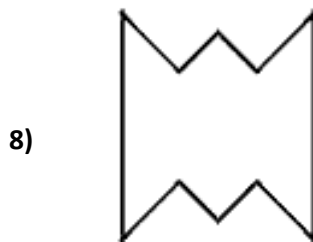
Number of sides 5
Name Pentagon



Number of sides 6
Name Hexagon



Number of sides 7
Name Heptagon



Number of sides 10
Name Decagon











Number of sides 6
Name Hexagon

(18 marks)

Pictographs







Mr. Petal gave year 3 children the information from his shop on how many hot dogs were sold during the coldest week of the year. Look at the pictograph they made and answer the questions.

Day	Number of Hot Dogs Sold
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

 = 10 Hot dogs

- a How many hot dogs were sold on Wednesday? 40
- b How many hot dogs were sold on Monday? 30
- c On which day were the most hot dogs sold? Saturday
- d On which day were the least hot dogs sold? Monday
- e How many hot dogs were sold on the weekend? 140
- f How many hot dogs were sold during the week days? 225
- g How many more hot dogs were sold on Friday than Thursday? 15
- h How many more hot dogs were sold on Saturday than Sunday? 10
- i How many hot dogs were sold during the whole week? 365

Complete the table and use the pictogram to answer the questions.

Month	Sunny Days	Frequency
April		9
May		15
June		21
July		18
August		15
September		12

 = 3 sunny days

- How many days were sunny in May?
- How many days were sunny in July?
- Which month had the MOST sunny days?
- Which month had the LEAST sunny days?
- Which two months had the same number of sunny days?

6. How many sunny days were there in July, August and September, altogether?

45

7. How many MORE sunny days does August have than April?

6

8. What is the difference between the number of sunny days in April and June?

9

9. How many sunny days were there altogether?

90

(18 marks)

Money Problems

1) Yusuf buys 3 burgers for £2.50 each and 2 pizzas for £3 each. How much has he spent altogether?

£13.50

2) John buys 2 pairs of socks for £2.40 and 3 bunches of flowers for 50 p each. What is the total amount he's spent?

£6.30

3) Pedro bought one jumper for £13, one pair of shoes for £24.30 and a bag for £12.50. How much did he spend altogether?

£49.80

4) Farm bought 3 cans of tuna for £4.50 each and 2 cod fillets at £1.50 each. If she paid with a £20 note how much change would she get back?

£3.50

5) Mary bought 4 chocolate bars to give to her friends. Each one cost £4.50. How much change will she receive if she pays with a twenty-pound note?

£2

6) Ibrahim buys 3 packs of fireworks for £12 each and a lighter for £3. If he paid with a £50 note how much change would he get back?

£11

7) Easaa bought 15 pens to give to his friends. Each one cost 30p. How much change will he receive if he pays with a 5 pound note?

50p

8) Ikhlas bought 3 toy cars for £2.50 each and one broken car for £1. If he used a £20 note, How much change will he receive?

£11.50

9) Nadim bought 3 packs of salmon for £6 each and 2 teddy bears for 50p each. If he paid with a £20 note how much change would he get back?

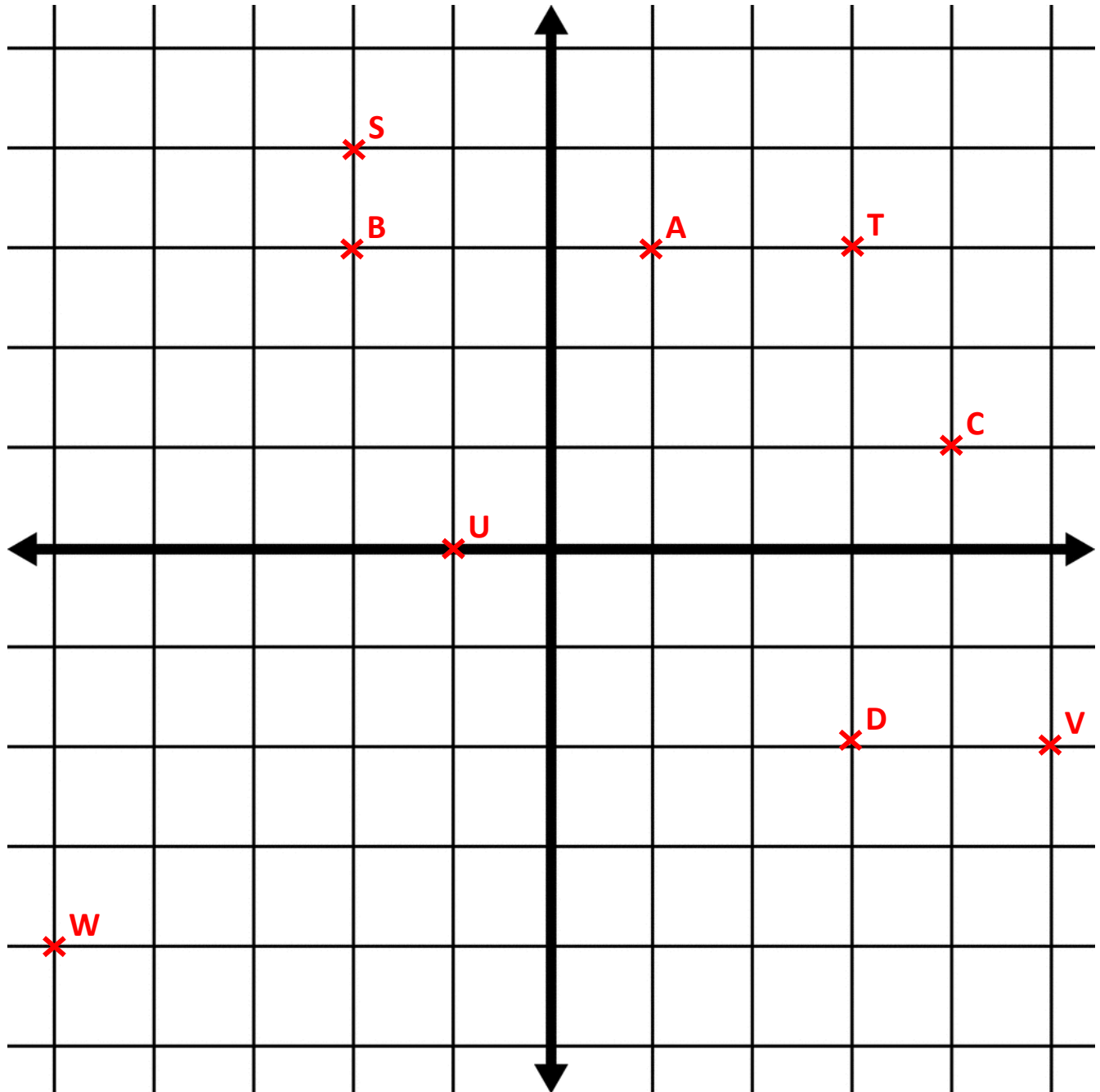
£1

10) Mahir bought 4 packs of brownies to give to his friends. Each one cost £3.50. How much change will he receive if he pays with a twenty pound note?

£6

(20 marks)

Co-ordinates + NESW



1) What are the co-ordinates of S? **(-2,4)**

2) What are the co-ordinates of T? **(3,3)**

3) What are the co-ordinates of U? **(-1,0)**

4) What are the co-ordinates of V? **(5,-2)**

5) What are the co-ordinates of W? **(-5,-4)**

6) Mark a point labelled A at (1,3) .

7) Mark a point labelled B 3 squares West of A.

i) What are the co-ordinates of B ? **(2,3)**

8) Mark a point Labelled C at (4,1)

9) Mark a point labelled D 3 squares South and one square East of C.

i) What are the co-ordinates of D? **(3,-2)**

(22 marks)

Function Machines

	Step 1	Step 2	Answer:	Question:	Step 1	Step 2	Answer:
1) 3	+ 10	x 3	39	11) 5	+ 80	x 5	425
2) 46	- 6	÷ 10	4	12) 42	- 2	÷ 8	5
3) 29	+ 21	÷ 5	10	13) 24	+ 24	÷ 4	12
4) 86	+ 94	x 2	360	14) 82	+ 44	x 2	252
5) 49	+ 49	÷ 2	49	15) 44	+ 44	÷ 2	44
6) 87	+ 960	÷ 3	349	16) 87	+ 420	÷ 3	169
7) 789	+ 11	÷ 100	8	17) 784	+ 16	÷ 100	8
8) 894	÷ 2	x 3	1341	18) 844	÷ 2	x 5	2110
9) 767	+ 99	- 407	459	19) 727	+ 44	- 407	364
10) 1980	÷ 10	x 2	396	20) 8480	÷ 5	x 2	3392

(20 marks)

Times table test

Time: 100 Seconds

Wait For your teacher to start your time for this section.

1) $6 \times 7 = 42$	2) $12 \times 7 = 84$	3) $3 \times 7 = 21$
4) $9 \times 8 = 72$	5) $9 \times 6 = 54$	6) $4 \times 9 = 36$
7) $8 \times 6 = 48$	8) $4 \times 8 = 32$	9) $8 \times 9 = 72$
10) $12 \times 8 = 96$	11) $6 \times 12 = 72$	12) $9 \times 12 = 108$
13) $6 \times 6 = 36$	14) $3 \times 6 = 18$	15) $6 \times 4 = 24$
16) $9 \times 5 = 45$	17) $6 \times 5 = 30$	18) $12 \times 5 = 60$
19) $12 \times 4 = 48$	20) $4 \times 6 = 24$	21) $8 \times 4 = 32$
22) $7 \times 3 = 21$	23) $12 \times 3 = 36$	24) $9 \times 3 = 27$
25) $12 \times 10 = 120$	26) $11 \times 12 = 132$	27) $2 \times 12 = 24$
28) $11 \times 6 = 66$	29) $6 \times 10 = 60$	30) $8 \times 9 = 72$
31) $8 \times 4 = 32$	32) $8 \times 7 = 56$	33) $6 \times 12 = 72$
34) $5 \times 11 = 55$	35) $12 \times 5 = 60$	36) $12 \times 12 = 144$

(36 marks)

English comprehension

What am I?

Accept any suitable answers

Text clues to circle:

'Swirling white'

'Dusting'

'blanket on the landscape'

'wrapping sounds up'

'Glistening'

'hushed'

'Frozen clues left'

'the white'

'busy creatures'

'night'

Picture clues to circle:

Snowy rooftops

Animal tracks in the snow

Disappearing creatures

Rising sun

1. In the first line of the poem it is snowing heavily in the night.

I know this because it says 'swirling white' and 'darkness'.

2. Yes, the snow settles everywhere **because** it says the snow 'throws a blanket on the landscape'.

3. Yes, it is quiet after heavy snowfall because it says the blanket of snow is 'wrapping sounds up' and the morning is 'hushed'.

4. The clues left in the snow in the morning are animal footprints because you can see them in the picture and in the poem it says 'frozen clues left in the white/of busy creatures'.

Your detective question and answer: Children's answers will vary. Accept any question and answer that draw on key words in the poem and/or images in the picture and rely on some level of inference.

(10 marks)

Spellings

NOTE – DO NOT START THIS SECTION UNTIL EVERYONE IS ON THIS PAGE

READ OUT EACH SPELLING TWICE TO ALL THE STUDENTS AND WAIT TEN SECONDS

- 1) Remember**
- 2) Famous**
- 3) Reign**
- 4) Special**
- 5) Favourite**
- 6) Guide**
- 7) February**
- 8) Answer**
- 9) Separate**
- 10) Occasional**

11) increase

12) purpose

13) Probably

14) Continue

15) Strange

16) earth

17) Mention

18) notice

19) suppose

20) Promise

(20 marks)

Definitions

Define the following words. Award 3 marks for any sensible answers

1) Particular

used to single out an individual member of a specified group or class.

2) Consider

To think carefully about (something)

3) Natural

Existing in or caused by nature

4) Appear

come into sight, become visible or noticeable

5) Occasionally

At the farthest point of something

6) Complete

To finish something or total

7) Describe

the act of using words to tell others what something is like.

8) Certain

known for sure

(24 marks)