



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 3

Assessment Test 6

ANSWERS

Total: _____ / 150 _____ %

Pass mark is 70% 105 / 150

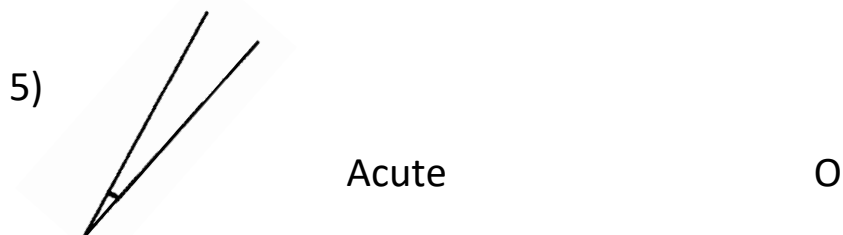
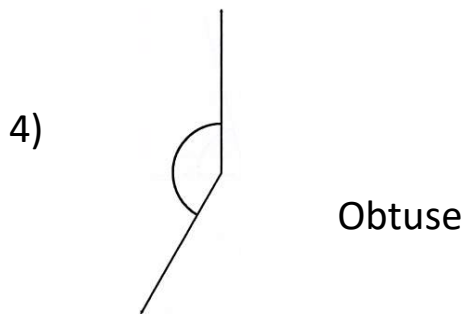
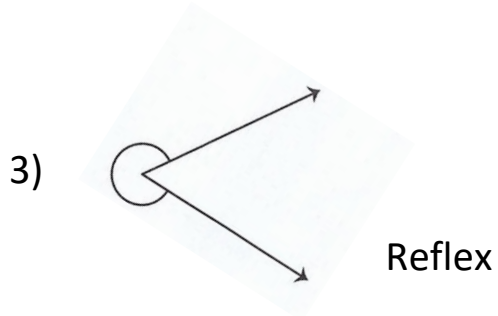
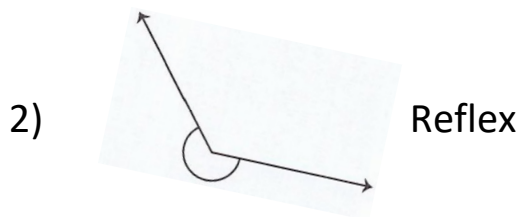
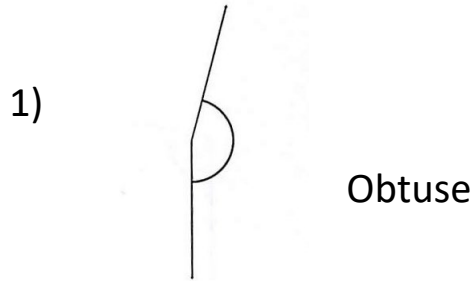
Maths Section

Mental arithmetic

| Paper 23 | Answer |
|--|-------------------------------|
| 1. What is twice 40? | 80 |
| 2. How many fives in 45? | 9 |
| 3. Double 350. | 700 |
| 4. What is half of 150? | 75 |
| 5. You have a £5 note. You spend £2.70. How much change will you get? | £2.30 |
| 6. A roller coaster costs £1.50 for a ride. How much will it cost for 4 rides? | £6 |
| 7. A ride on the big dipper costs £2.50. How much would two rides cost? | £5 |
| 8. A boat trip started at 9.40 and finished at 10.50. How long did it last? | 1 hour 10 mins |
| 9. How many weeks are there in a year? | 52 |
| 10. How many days are there in a year? | 365 |

Angles and Shapes

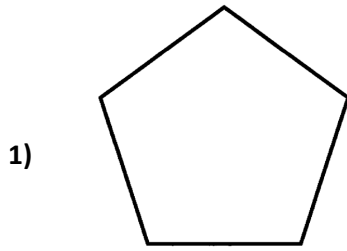
State whether the following angles are acute, obtuse, reflex or right:



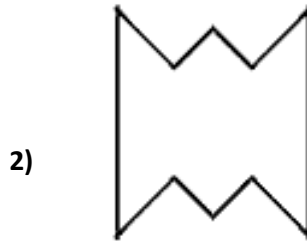
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(10 marks)

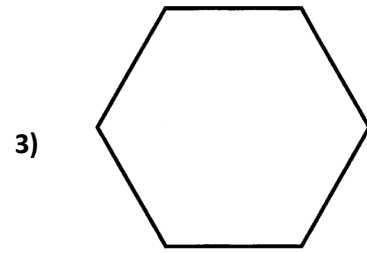
Name the shape



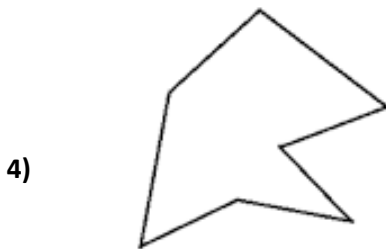
Number of sides 5
Name Pentagon



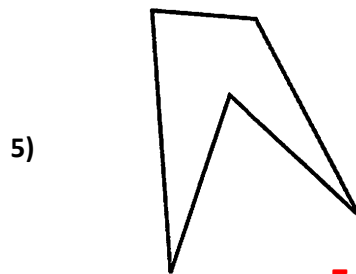
Number of sides 10
Name Decagon



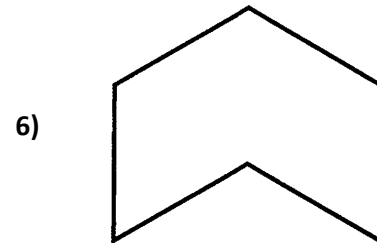
Number of sides 6
Name Hexagon



Number of sides 7
Name Heptagon



Number of sides 5
Name Pentagon











Number of sides 6
Name Hexagon

(12 marks)

Pictographs

I The pictograph shows the number of ice creams sold each day.

| Day | Number of ice creams sold |
|-----------|--|
| Monday |  |
| Tuesday |  |
| Wednesday |  |
| Thursday |  |
| Friday |  |
| Saturday |  |
| Sunday |  |

Key  = 5 ice creams

a) On which day were the most ice creams sold?

Saturday

b) On which two days were 20 ice creams sold?

Monday & Friday

c) How many ice creams were sold on Thursday?

10

d) How many more ice creams were sold on Friday than Thursday?





10

e) More ice creams were sold in total on Saturday and Sunday than during the rest of the week.

Do you agree? No

Show your workings.

2 The pictogram shows the colour of cars parked in a car park.

| Colour | Number of cars in car park |
|--------|--|
| Red |  |
| Blue |  |
| White |  |
| Yellow |  |

Key  = 2 cars

a) How many parked cars are red?

10

b) How many parked cars are blue?

9

c) How many cars are parked in total?

36

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) Fahmida bought 3 cans of Mackerel 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?

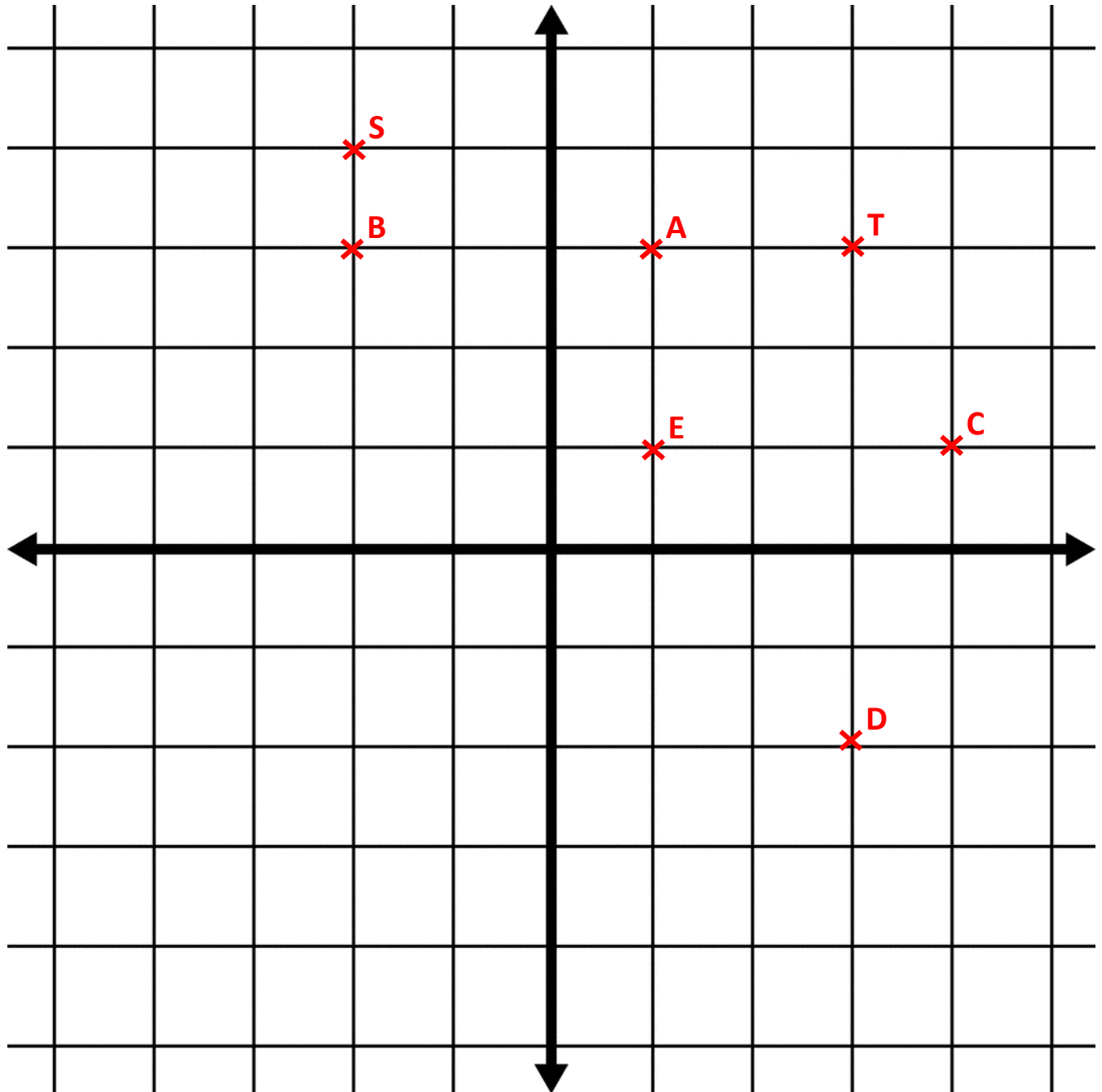
£3.50

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

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

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

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

- 6) Mark a point Labelled C at (4,1)

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

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

- 9) What are the co-ordinates of E? **(1,1)**

(8 marks)

Function Machines

| | | Step 1 | Step 2 | Answer: |
|-----|------|--------|--------|---------|
| 1) | 4 | + 10 | x 3 | 42 |
| 2) | 36 | - 6 | ÷ 10 | 3 |
| 3) | 39 | + 21 | ÷ 5 | 12 |
| 4) | 16 | + 94 | x 2 | 220 |
| 5) | 22 | + 22 | ÷ 2 | 22 |
| 6) | 33 | + 960 | ÷ 3 | 333 |
| 7) | 189 | + 11 | ÷ 100 | 2 |
| 8) | 102 | ÷ 2 | x 3 | 153 |
| 9) | 801 | + 99 | - 407 | 493 |
| 10) | 2810 | ÷ 10 | x 2 | 562 |

(10 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**PAGES 38 - 45 — ASSESSMENT TEST 2****1. E**

They were confused by this particular clue — it is a "mystery".

2. C

Jimmy felt as if he had read the clue a hundred times because he had read it repeatedly and his team were finding it difficult to solve.

3. B

In this context "weakly" means 'half-heartedly'. He wants Felicity to remain positive about solving the clue but he doesn't have much hope.

4. C

In the passage it says the "Park Hill School's annual camping trip". The word "annual" means 'once a year'.

5. A

In the passage it says "listening to ghost stories around the campfire", but "building campfires" isn't mentioned specifically.

6. C

In the passage it says that Freddie is "infamous for being a bad loser".

7. C

Jimmy's team feel hopeful because they might have solved the last clue.

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

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)