

Daily 5: Day 139 Name: _____

For questions 1 to 4, choose the correct answer from the options given.

1

The shape below is an equilateral triangle.

How many lines of symmetry does it have?

A 0

B 1

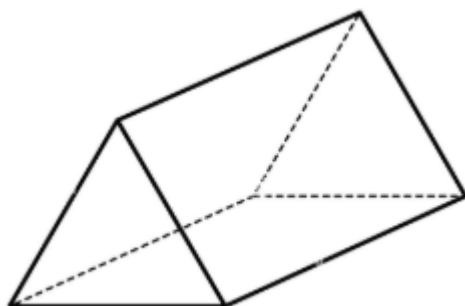
C 2

D 3

E 6

2

Look at the two 3-D shapes below.



How many edges does the triangular prism have?

A 5

B 6

C 9

D 12

E 15

3

The function machine below multiplies the input by two thirds.



What is the output when the input is 39?

A 24

B 26

C 34

D 52

E 13

4

Jen notices $30 = 7 + 23$, and both are prime.

Which pair of prime numbers also adds to 30?

A 11 and 19

B 12 and 18

C 15 and 15

D 9 and 21

E 14 and 16

For question 5, tick your answers in the spaces provided.

5

A letter is chosen at random from the word: I M P E D I M E N T A

- | | |
|--|--------------|
| ☐ The letter chosen is most likely to be I. | True / False |
| ☐ The letters M and E have an equal probability. | True / False |
| ☐ There is a greater chance of choosing I than A. | True / False |

Read the whole passage carefully, then answer the questions that follow. Choose the best answer and circle its letter.

Comprehension

The Power Cut

- 1 The storm knocked the power out just as Dad was serving dinner.
2 One moment the kitchen was bright and humming; the next, everything went black.
3 "Brilliant," groaned my brother Leo, dropping his fork with a clatter.
4 But Mum only laughed and began hunting in the cupboard for candles.
5 Soon a dozen little flames flickered along the table, throwing giant shadows up the walls.
6 The fridge had stopped its steady buzz, and the whole house felt strangely still.
7 Outside, the wind hurled rain against the windows like handfuls of gravel.
8 We ate our cold dinner huddled together, and somehow it tasted better than usual.
9 Leo forgot to complain. Instead he began telling a ghost story in a low, spooky voice.
10 Mum found an old board game at the back of a drawer, its box soft with age.
11 We played by candlelight for hours, laughing until our sides ached.
12 Dad said it reminded him of when he was a boy, before phones and screens.
13 For once, nobody reached for a tablet or glanced at a glowing screen.
14 When the lights finally buzzed back on, we all groaned in disappointment.
15 The ordinary brightness suddenly seemed harsh and rather dull.
16 Leo said, quietly, that it had been the best evening in ages.
17 Mum smiled and blew out the last of the candles, one careful breath at a time.
18 Sometimes, it turns out, the best nights are the ones you never planned.

1 What caused the lights to go out?

- A a power cut from the storm
- B Dad turned them off
- C a broken bulb
- D Leo's fork
- E the fridge breaking

2 How did Mum react to the power cut?

- A she panicked
- B she laughed and found candles
- C she went to bed
- D she phoned for help
- E she was cross

3

What does “the wind hurled rain against the windows like handfuls of gravel” tell us?

- A the rain was gentle
 - B it was snowing
 - C the windows were open
 - D the storm was fierce
 - E it was sunny
-

4

Why did the family groan when the lights came back on?

- A they were tired
 - B the game was over
 - C they wanted to keep playing in the candlelight
 - D they were hungry
 - E they were scared
-

5

Which word best describes how the family felt by the end of the evening?

- A bored
 - B content
 - C frightened
 - D angry
 - E lonely
-

Answers**Maths**

1. D (3 lines of symmetry)
2. C (a triangular prism has 9 edges)
3. B ($39 \times \frac{2}{3} = 26$)
4. A ($11 + 19 = 30$, both prime)
5. False, True, True

Comprehension

1. A (a power cut from the storm)
2. B (she laughed and found candles)
3. D (the storm was fierce)
4. C (they wanted to keep playing in the candlelight)
5. B (content)