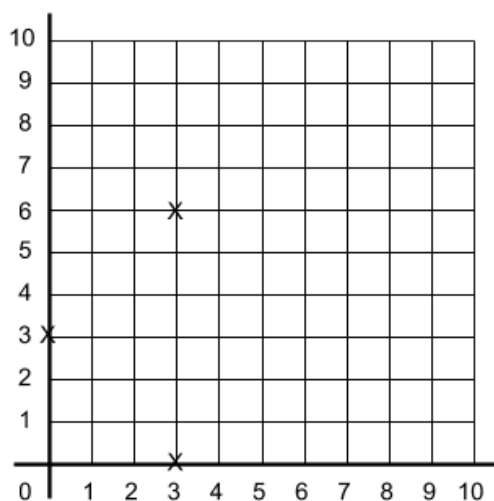


Daily 5: Day 130 Name: _____

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

1

Three points are marked on the grid below. A fourth point is added so the four points form a square.

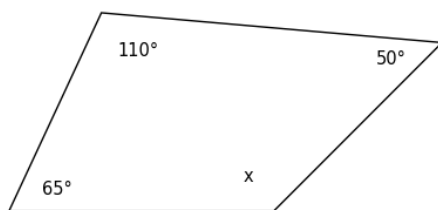


Which coordinates could be the fourth corner?

- A** (2, 5) **B** (6, 3) **C** (2, 4) **D** (5, 2) **E** (3, 6)

2

Look at the quadrilateral below.



What is the value of x ?

- A** 45° **B** 90° **C** 115° **D** 135° **E** 145°

3

A house is priced at £123,427. The buyer pays only £121,243.

How much less than the price did the buyer pay?

- A** £1,184 **B** £2,084 **C** £2,184 **D** £2,284 **E** £3,184

4

Two of the angles in a triangle are 26° and 128° .

What type of triangle is this?

- A** right **B** scalene **C** equilateral **D** isosceles

For question 5, write your answer in the space provided.

5

A pupil has 30 family photos: mother 4, father 5, brother 10, sister 1, grandmother 7, grandfather 3. One photo is picked at random.

Write the outcomes in order from least likely to most likely.

- A** the photo is of the sister
B the photo is of the mother
C the photo is of the grandfather
D the photo is NOT of the brother
E the photo is of the father or grandmother

Read the whole passage again carefully, then answer the questions that follow. Write your answers neatly in the spaces provided.

Comprehension

The Lighthouse

- 1 Every evening, old Tom climbed the spiral stairs of the lighthouse.
2 His knees ached, yet he never once complained about the long climb.
3 For fifty years he had kept the great lamp burning above the bay,
4 guiding tired fishing boats safely home through the darkness.
5 On stormy nights the wind howled fiercely around the tower,
6 and the huge waves crashed against the rocks far below.
7 Tom would light the lamp, then settle into his creaky wooden chair
8 with a steaming mug of cocoa and his faithful old dog, Pip.
9 One wild November night, a distress flare burst above the water.
10 Somewhere out in the storm, a small boat was in serious trouble.
11 Without hesitating, Tom telephoned the lifeboat crew in the village.
12 Then he turned the beam of the lamp toward the struggling vessel,
13 sweeping its bright light slowly across the roaring sea.
14 The rescuers followed that golden path straight to the sinking boat.
15 Every frightened sailor was pulled, shivering, from the icy water.
16 By dawn the storm had faded, and a calm grey light filled the sky.
17 Tom smiled quietly to himself, patted Pip, and climbed wearily home.
18 The old lighthouse had done its duty once again.

- 1 Look at line 5. Find one word that means the same as “wildly” or “strongly”.

- 2 Look at the word “faithful” in line 8. What word type (part of speech) is it?
Choose from: noun, verb, adjective, adverb, pronoun.

- 3 Look at the words below as they appear in the passage. What word type are they all? howled (line 5), crashed (line 6), telephoned (line 11), followed (line 14)

- 4 Look at line 15. Find one word that means the same as “trembling”.
-
- 5 Look at lines 16–18. How can you tell that Tom felt satisfied with his night’s work? Give one detail from the text.
-
-

Answers

Maths

1. B ((6, 3))
2. D (135°)
3. C ($\pounds 123,427 - \pounds 121,243 = \pounds 2,184$)
4. D (third angle = 26° , so two equal $\rightarrow$ isosceles)
5. A, C, B, E, D (1, 3, 4, 12, 20)

Comprehension (guide)

1. fiercely
2. adjective
3. verbs (past-tense verbs)
4. shivering
5. accept any valid detail, e.g. he 'smiled quietly to himself' / 'The old lighthouse had done its duty once again'