

Daily 5: Day 169 Name: _____

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

1

Look at the seven numbers below: 9, 14, 16, 19, 12, 18, 10.

What is the mean (average) of the numbers?**A** 12**B** 14**C** 16**D** 98**E** 19**2**

Look again at the seven numbers above.

What is the range of the numbers?**A** 9**B** 11**C** 28**D** 10**E** 19**3**

A school has 193 pupils. Year 1 has 28, Year 5 has 27, Year 6 has 30 and Year 7 has 21. Years 2, 3 and 4 each have the same number of pupils.

How many pupils are in each of Years 2, 3 and 4?**A** 27**B** 28**C** 29**D** 30**E** 87

4

Look at the statement below: $224 - H = 16.5$

What is the value of H?

A 207.5

B 240.5

C 17.5

D 208.5

E 197.5

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

5

A teacher has ten cards numbered 1 to 10 and picks one at random.

Outcome A: a multiple of 4.

Outcome B: a prime number.

Outcome C: a triangular number. Outcome

D: a square number.

Which outcome is least likely, and which two outcomes are equally likely?

Least likely: Outcome _____

Equally likely: Outcome _____ and Outcome _____

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

Comprehension

The Homing Pigeon

Every evening after school, Priya climbed the ladder to the old loft above the shed. It was there that she kept Comet, a silver-grey homing pigeon with a white flash on his wing. Her grandfather had given her the bird on her tenth birthday, and since then the two had been inseparable.

Comet was no ordinary pigeon. He could be carried for miles in a wicker basket, released into an unfamiliar sky, and somehow always find his way home. Priya loved to watch him circle high above the rooftops, working out his direction, before turning and speeding back to the loft like an arrow.

One grey Saturday, a fierce storm was forecast. Against her grandfather's advice, Priya had entered Comet in a race that morning. The birds were driven forty miles away and set free together. As the wind picked up and rain lashed the windows, Priya waited by the loft, her stomach twisting with worry. One by one the other pigeons returned, but there was no sign of Comet.

Hours passed. The sky darkened and the storm howled. Priya could barely watch the empty horizon any longer. Just as she was about to give up hope, a small shape appeared through the driving rain, battling every gust. It was Comet, soaked and exhausted, but still flying. He tumbled onto the loft ledge, and Priya scooped him gently into her hands.

Her grandfather appeared beside her, smiling despite the rain dripping from his cap. "That," he said quietly, "is one determined bird." Priya held Comet close to keep him warm, and knew she would never doubt him again.

1

Who gave Comet to Priya?

- A her mother
- B her grandfather
- C her teacher
- D her friend
- E her brother

2

What is special about a homing pigeon?

- A it can talk
- B it never flies
- C it is very large
- D it always finds its way home
- E it swims

3

Why was Priya worried on the Saturday?

- A she had lost her ladder
- B school was cancelled
- C a storm was coming and Comet was racing
- D her grandfather was ill
- E the loft was locked

4

How did Comet look when he finally returned?

- A fresh and dry
- B soaked and exhausted
- C angry
- D fast asleep
- E completely unharmed and calm

5

Which word best describes Comet in this story?

- A lazy
 - B frightened
 - C unfriendly
 - D clumsy
 - E determined
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Answers**Maths**

1. B ($98 \div 7 = 14$)
2. D ($19 - 9 = 10$)
3. C ($((193 - 106) \div 3 = 87 \div 3 = 29)$)
4. A ($224 - 16.5 = 207.5$)
5. Least likely: A (multiples of 4 $\rightarrow$ 4, 8). Equally likely: B and C (four each)

Comprehension

1. B (her grandfather, paragraph 1)
2. D (it always finds its way home, paragraph 2)
3. C (a storm was coming and Comet was racing, paragraph 3)
4. B (soaked and exhausted, paragraph 4)
5. E (determined — 'one determined bird', paragraph 5)