

Daily 5: Day 45 Name: _____

1

A child sees a pencil case and pens in a shop.

The pencil case costs £1.20 and the pens cost 25p each.
They buy two pencil cases and 8 pens.

$$\begin{array}{r} 1.20 \\ \times 2 \\ \hline 2.40 \end{array} \quad \begin{array}{r} 25 \\ \times 8 \\ \hline 2.00 \end{array}$$

How much will the child have to pay?

- A £4.40 B £6.40 C £4.00 D £3.40 E £2.80

$$\begin{array}{r} 2.40 \\ + 2.00 \\ \hline \underline{4.40} \end{array}$$

2

$$1.93 \text{ kilometres} \times 1000 = 1930 \text{ m}$$

$$1093 \text{ metres} = 1093 \text{ m}$$

$$10931 \text{ centimetres} \div 100 = 109.31 \text{ m}$$

$$190300 \text{ millimetres} \div 1000 = 190.3 \text{ m}$$

$$1.093 \text{ kilometres} \times 1000 = 1093 \text{ m}$$

Which of the lengths above is the longest?

- A 1.93km B 1093m C 10931cm D 190300mm E 1.093km

3

What is the sum of 0.3 and $\frac{1}{5}$ as a decimal?

$$\frac{1}{5} = \frac{2}{10} = 0.2$$

$$\begin{array}{r} 0.2 \\ + 0.3 \\ \hline 0.5 \end{array}$$

- A 0.32 B 0.7 C 0.5 D 0.23 E 0.52

4

A teacher has six cards.

On the cards are the numbers from 1-6.
They pick a card at random from the deck.

1 2 3 4 5 6

Look at the statements below.

- Outcome A = They pick an even number or 1. 1, 2, 4, 6
- Outcome B = They pick a number more than 5. 6
- Outcome C = They pick a multiple of 3. 3, 6
- Outcome D = They pick a square number. 1, 4
- Outcome E = They pick a triangular number. 1, 3, 6

Which two outcomes are equally likely?

A A/E

B B/D

C C/E

D A/C

E C/D

For question 5, you have to **tick your answers** in the spaces provided in the question.

5

Look at the statements below. Tick the statements that are false.

- All prime numbers are odd. (2) False
- All multiples of 8 are multiples of 2. True
- All triangular numbers are odd. 1, 3, 6 (6) False
- Square numbers follow the pattern odd, even, odd, even... 1, 4, 9, 16, 25, 36
- All multiples of 5 are factors of 5. 1, 5 False
5, 10, 15...

Read the **whole** passage carefully, then answer the questions that follow.

Good Luck Charm

1. Gemma paced back and forth as she waited backstage. This would be her most important piano performance yet. At ten years old, she was the youngest performer in the recital. She had practised playing her song more than 30 times that week. When she closed her eyes at night, the music played repeatedly in her head.
2. Now that the day had arrived, Gemma was not sure she was ready. She smoothed her hair and picked a piece of lint from the new dress that her mother had bought for her. She noticed that her hands were shaking, and her shimmering dress was also shaking. How could she play the notes of the song if her hands were shaking? She tried to concentrate on steadying them, but they only shook more.
3. Gemma's piano teacher, Ms. Neal, leaned down to speak to her. "I have something for you," she said, pressing a smooth black stone into Gemma's hand. "It's a special stone. There's no other one like it in the world. You've practiced so much, you don't need anything else."
4. The stage lights reflected off the polished rock. "Thank you," Gemma said.
5. When Gemma's name was called, she rubbed the stone, stepped onto the stage, and played better than ever. After her performance she noticed that Ms. Neal had a whole bag of black stones. "Why did you say this one was so special?" she asked.
6. Her teacher responded, "Because, like your talent, it belongs only to you."

For these questions you have to **write your answers**, neatly, in the boxes provided.

- 1** Look at lines 1–4. Why was Gemma pacing back and forth before the performance?

Nervous

- 2** Look at lines 5–9. What two signs showed that Gemma was not feeling ready?

Hands and dress shaking

3 Which word in lines 10–13 means the same as shiny?

polished

4 Which one part of speech are the following as they appear in the passage?

paced (line 1), noticed (line 6), pressing (line 11), rubbed (line 14)

Verbs

5 Which part of speech is 'performance' as it appears in the passage? (line 15)

Noun