Term 1 Session 5
Maths – Number Sequences

1. 6, 13, 20, <u>2 7</u>, 34, 41, <u>4 8</u> (+7, +7)

2. 35, 28, <u>2 2</u>, 17, 13, <u>1 0</u>, 8 (-7, -6, -5, -4, -3)

3. 1, <u>8</u>, 27, 64, 216 (cubed)

4. 5, 6, 10, 9, 15, <u>1 2</u>, <u>2 0</u> (+5, +3)

5. 7, 9, 13, 19, <u>2 7</u>, 37, <u>4 9</u> (+2, +4, +6, +8, +10, +12)

6. 5, <u>3</u>, -1, -9, -25, -57, <u>-1 2 1</u> (-2, -4, -8, -16, -32, -64)

Which of the numbers below is a common multiple of 3 and 8?

- a) 12
- b) 64
- c) 90
- d) 32
- ✓ e) 72

What is 66 812 rounded to the nearest ten thousand?

- a) 66 000
- b) 67 000
- c) 60 000
- d) 66 800
- ✓ e) 70 000

Sabine has some medieval relics. She orders her relics by how many years old they are, starting from the oldest. Which of the following lists shows the ages of Sabine's relics in order?

- a) 1089, 1297, 982, 820, 708
- b) 1297, 982, 1089, 820, 708
- c) 1297, 1089, 708, 982, 820
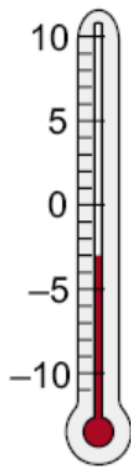- d) 1297, 1089, 982, 708, 820
- ✓ e) 1297, 1089, 982, 820, 708

Daymond is driving from Plymouth to Inverness, a distance of 643 miles.

What is this distance rounded to the nearest ten miles?

- ○ a) 500 miles
- ○ b) 630 miles
- ○ c) 600 miles
- ✓ d) 640 miles
- ○ e) 650 miles

The thermometer below shows the temperature in °C.

If it gets 10 °C hotter, what temperature will the thermometer show?

- ○ a) 6 °C
- ○ b) 3 °C
- ○ c) 10 °C
- ○ d) 13 °C
- ✓ e) 7 °C

A bag of sand weighs 19.38 kg.

What is this figure rounded to the nearest kilogram?

- ○ a) 10 kg
- ✓ b) 19 kg
- ○ c) 19.4 kg
- ○ d) 20 kg
- ○ e) 18 kg

English – Underline the adverbs.

The bell rang <u>sonorously</u> – it would <u>soon</u> be time to go home from school. I was <u>terribly</u> excited as it was my birthday, and I was anticipating a <u>warm</u> welcome from my family when I got home. <u>Eventually</u>, after a long wait for my friend to catch up with me, we raced <u>merrily</u> down the street. I was thinking about the delicious chocolate birthday cake that I had baked with Dad <u>yesterday</u>. I couldn't wait to gobble it up <u>greedily</u> when I got home.

Verbal Reasoning – Word codes

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	10	11	12	13	13	12	11	10	9	8	7	6	5	4	3	2	1

If the code for TREE is USFF, what does CVTI mean?   BUSH

If the code for LARK is JCPM, what does EWJN mean?   GULL

If the code for WHISPER is YGKRRDT, what does NZWFJSGQ mean?   LAUGHTER

1. If the code for **FISH** is **GJTI**, what is the code for **TANK**?   +1   UBOL

2. If the code for **ROSE** is **QNRD**, what is the code for **BUSH**?   -1   ATRG

3. If the code for **POST** is **NMQR**, what is **QJSE** the code for?   -2   +2   SLUG

4. If the code for **STAR** is **VWDU**, what is the code for **MOON**?   +3   PRRQ

5. If the code for **PINK** is **TMRO**, what is **FPYI** the code for?   +4   -4   BLUE

6. If the code for **METAL** is **LGSCK**, what is the code for **BRASS?**

   -1 +2 -1 +2 (handwritten above METAL)

   A TZVR (handwritten)

7. If the code for **PHONE** is **SHRNH**, what is the code for **GHOUL?**

   +1 G +3 0 (handwritten above PHONE)

   JHRVG (handwritten)

8. If code for **BROAD** is **DPQYF**, what is **UOWYV** the code for?

   +2 -2 +2 (handwritten above BROAD)

   -2 +2 -2 +2 (handwritten above UOWYV)

   SQVAT (handwritten)

9. If the code for **ACE** is **ZXV**, what is **YZW** the code for?

   Letter Partner (handwritten)

   BAD (handwritten)

10. If the code for **JELLY** is **LHNOA**, what is the code for **CREAM?**

    +2 +3 +2 +3 (handwritten)

    EUGDO (handwritten)

Non – Verbal Reasoning (Think about shape, colour, number, size)

Complete the series

a)   b)   c)   d)   e)

a)   b)   c)   d)   e)
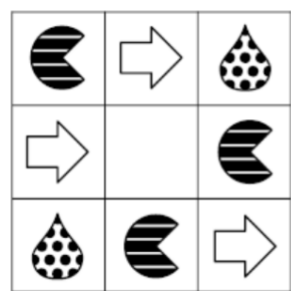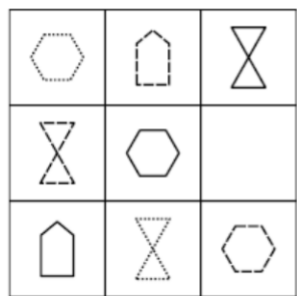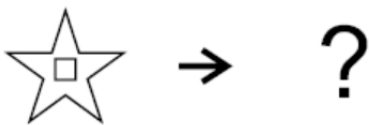
Complete the grid

a)   b)   c)   d)   e)

a)   b)   c)   d)   e)

Complete the pair

a)   b)   c)   d)   e)

Find the figure like the first two

a)	b)	c)	d)	e)

a)	b)	c)	d)	e)
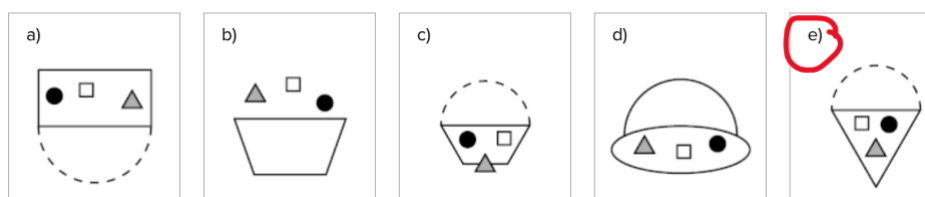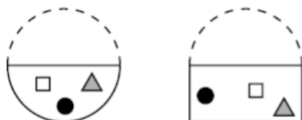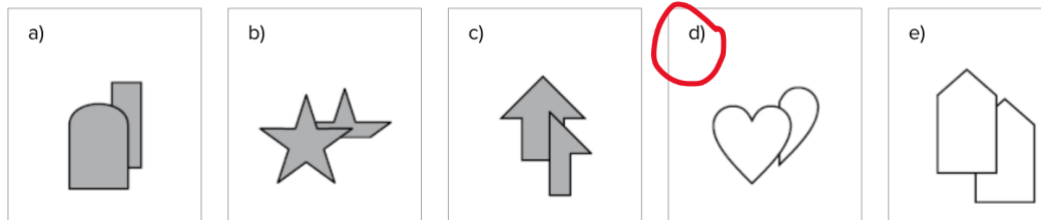
Roger's Records

"Dad?"

"What now?" Roger's father said wearily, without looking up from his newspaper.

"Guess how old Robert Wadlow was when he could carry his father up the stairs."

"I've no idea," said Roger's father.

5   "Have a guess," Roger insisted.

"Twelve."

"Wrong! It says here that Robert Pershing Wadlow, the tallest man that ever lived, was nine years old. That's the same age as me!"

Mr Cherry had been forced to listen to many of these fascinating facts from

10   his son, but he had only himself to blame. It was his idea to buy Roger his first 'Book of World Records' three years ago and he had given his son the new edition every Christmas since then.

"Dad?"

"Yes, son."

15   "What do you think the record is for the furthest distance for spitting a watermelon seed?"

"Ten metres," said Mr Cherry, reading the same sentence in his newspaper for the fifth time.

"Wrong! It's actually seventy three metres!" yelled Roger triumphantly.

20   He loved it when his father got the answer wrong. He was a teacher but he didn't know his records. Roger searched for another killer question. He knew that he probably only had time for one more before his father's patience ran out. He started reading about the woman with the longest fingernails in the world.

"Dad?"

25   There was no reply. Roger looked across the living room at an outspread newspaper that seemed to have sprouted legs and feet. The feet were wearing tartan slippers, and coming from behind the newspaper was a sound like the breathing of a wounded warthog. Roger wondered if there was a record for the loudest snoring in the world!

1. How old is Roger?

   A Six
   B Seven
   C Eight
   D Nine
   E Ten

2. According to the text, what could Robert Pershing Wadlow do?

   A Carry his father up the stairs
   B Spit watermelon seeds
   C Grow really long finger nails
   D Tell his father annoying facts
   E Snore louder than anyone else in the world

3. When does Roger receive each year's 'Book of World Records'?

   A On his birthday
   B At Christmas
   C Every January
   D At Easter
   E When he has been good

4. What is Roger's father's job?

   A Journalist
   B Teacher
   C Writer for the 'Book of World Records'
   D Policeman
   E Builder

5. Which word best describes how Roger's father feels about Roger's questions?

   A Confused
   B Proud
   C Furious
   D Happy
   E Uninterested

6. Which of these records is not mentioned in the story?

   A The World's furthest seed spit
   B The World's tallest man
   C The World's longest fingernails
   D The World's best-selling book
   E The World's loudest snore

7. Why does Roger's father not reply to Roger's final question?

   A He has already left the room.
   B He refuses to answer any more questions.
   C He has fallen asleep.
   D He is concentrating on reading.
   E He is watching a cartoon on television.

8. Which of these words is closest in meaning to "yelled" (line 19)?

   A Shouted
   B Laughed
   C Said
   D Whispered
   E Begged

9. Which of these words is closest in meaning to "fascinating" (line 9)?

   A Wrong
   B Boring
   C Out-of-date
   D Interesting
   E Correct

10. Which of these words is closest in meaning to "sprouted" (line 26)?

    A Appeared
    B Walked
    C Lost
    D Grown
    E Eaten

11. "a sound like the breathing of a wounded warthog" (lines 27-28).
    Which of the following words is an adjective?

    A sound
    B like
    C breathing
    D wounded
    E warthog

12. "Roger" (line 5) and "Christmas" (line 12) are examples of which part of speech?

    A Common nouns
    B Verbs
    C Adjectives
    D Proper nouns
    E Pronouns