

The zoo makes no profit.

zoom

Heather enjoys playing tennis.

here

Nana kept hugging me.

hug

Jakub turned his phone on.

on

Verbal Reasoning – Find the missing word

1. The courier was **BIT** by the poodle.

ten

2. When it snowed we had a **SBALL** fight.

now

3. I play the **TPET** in the school band.

rum

4. Today is Saturday, so **TOMOR** is Sunday.

row

5. The hot air **BOON** sailed above the clouds.

all

6. Keep milk in the **FGE** so it stays cool.

rid

7. The diamond **GLITTE** in the sunlight.

red

8. The farmer drove her **TROR** through the fields.

act

9. I **PLED** some magic beans in the garden.

ant

10. We live on **PLA** Earth.

net

11. Daffodils are a bright **YEL** colour.

low

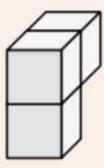
12. My **GDMA** is 364 years old this year.

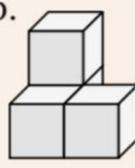
ran

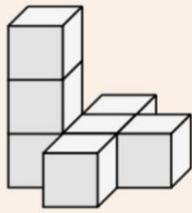
Term 4 Session 3

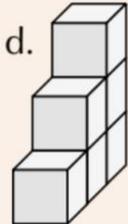
Spatial Reasoning – 2D view of 3D shapes

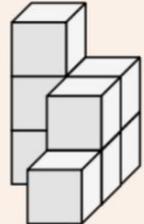
1. If you looked at each figure from **directly above**, how many **cubes** could you see?

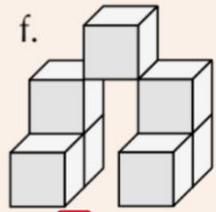
a.  2

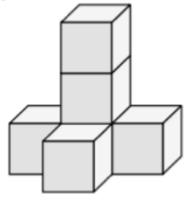
b.  3

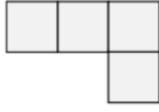
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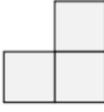
d.  3

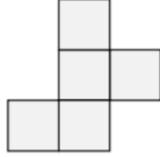
e.  4

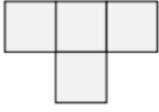
f.  5

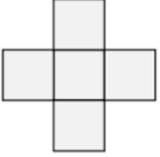
3. 

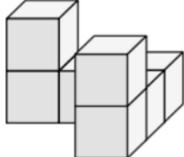
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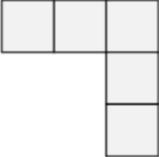
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c.  c

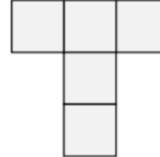
d.  **d**

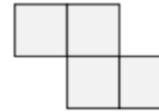
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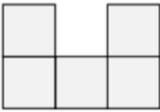


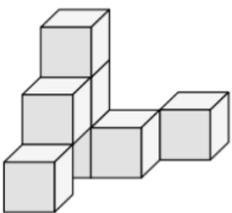
a.  **a**

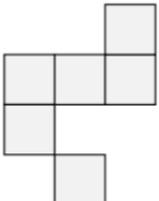
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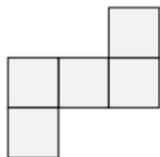
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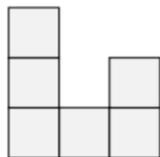
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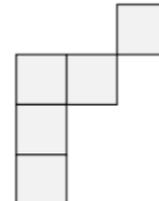
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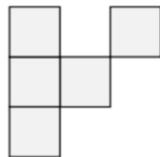
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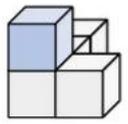
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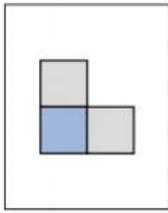
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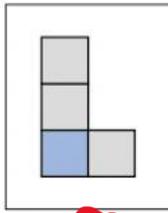
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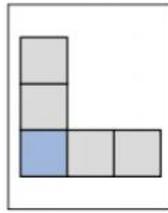
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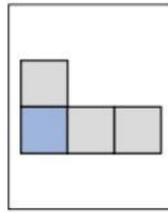
e.  e

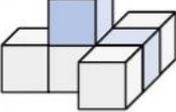
 

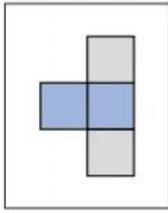
a.  a

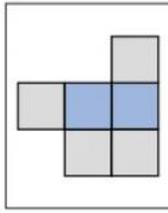
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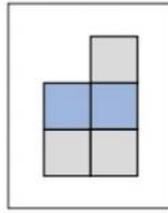
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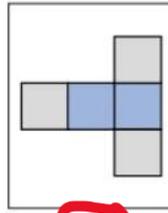
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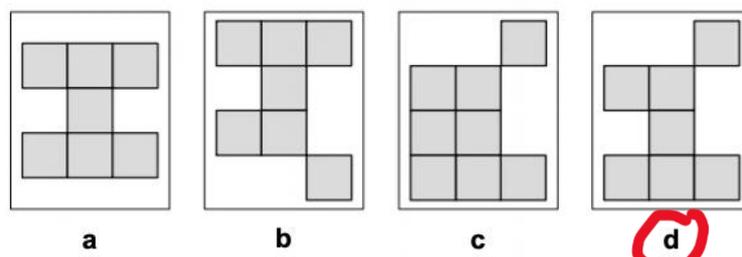
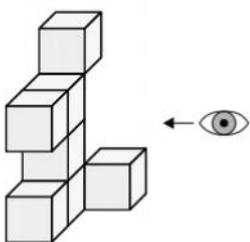
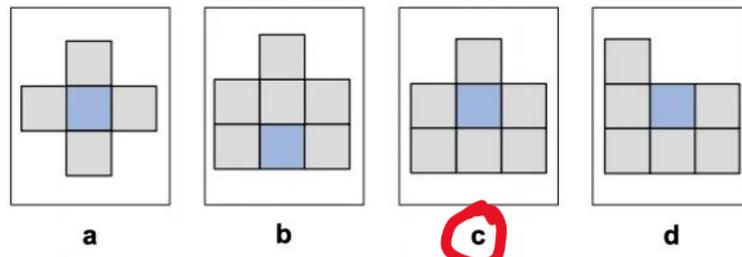
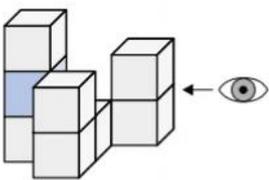
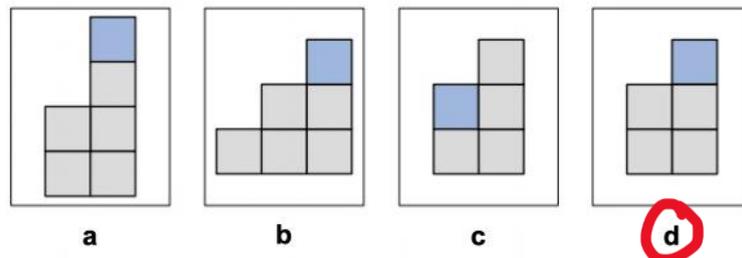
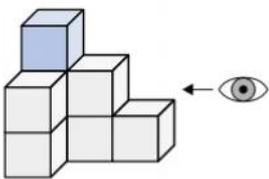
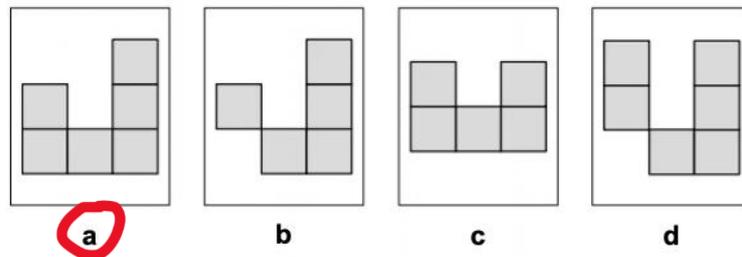
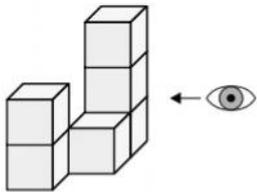
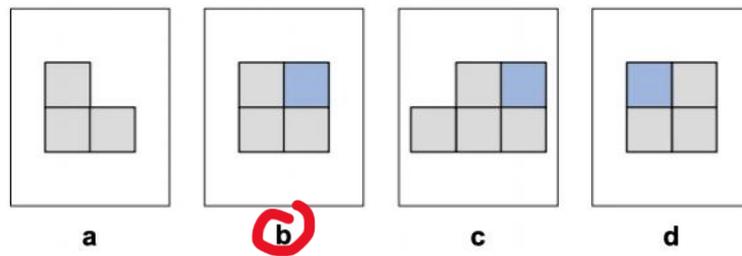
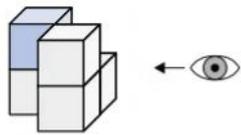
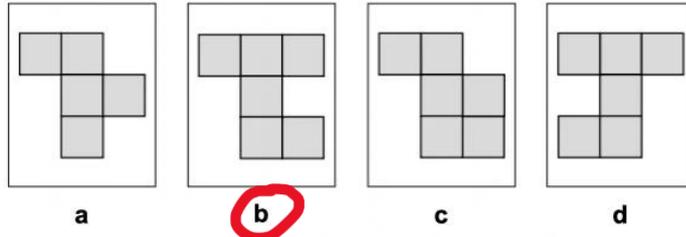
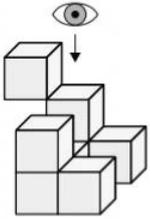
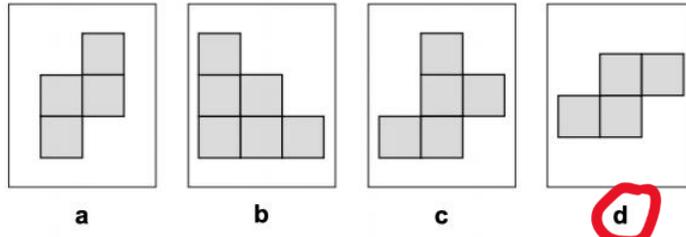
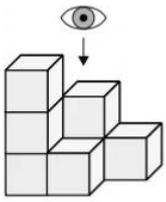
a.  a

b.  b

c.  c

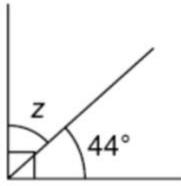
d.  **d**

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Term 4 Session 3  
2D Shapes Angles

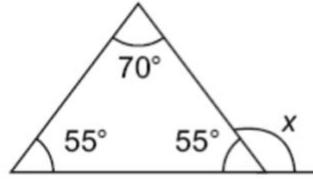
Look at the diagram below.



What is the size of angle z?

- a) 56°
- b) 46°
- c) 36°
- d) 44°
- e) 54°

Look at the triangle below.



What is the size of angle x?

- a) 35°
- b) 115°
- c) 145°
- d) 125°
- e) 110°

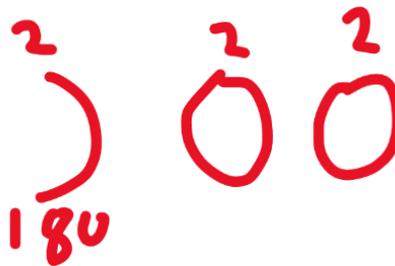
A boat is heading east and makes three 90° clockwise turns. What direction is it heading now?

- a) South
- b) North
- c) North-west
- d) South-west
- e) West



How many 180° turns would you need to do to make three whole turns?

- a) 3
- b) 5
- c) 6
- d) 10
- e) 2



A clock is stuck at the time shown.



The angle between the hour hand and the '6' is 60°. What is the obtuse angle between the hour hand and the minute hand?

- a) 120°
- b) 110°
- c) 150°
- d) 30°
- e) 100°



## The Hippos of the Okavango Delta

Located in the Southern African country of Botswana, the Okavango Delta is a vast expanse of wetland that is home to an abundance of wildlife. The water in the Delta comes from the Okavango River, which splits off into an intricate network of channels that wind through grassy islands and plains. Every year from March to June, the water levels reach their peak, which causes the Delta to expand. As a result, many animals migrate from drier areas to take advantage of the conditions offered by the Delta during these months.

The Delta is home to a range of animals, including prowling lions, gentle giraffes and ferocious hyenas. One of the beasts of the Delta is less noticeable than the others though, despite it being the world's third-largest land mammal. This animal is the hippo, and as they are commonly submerged in the depths of the winding channels, often all that can be seen are their curious eyes and round ears peering above the water's surface. Their webbed toes and stout legs help them to move through the muddy channels, while their grey bodies, being the size of a small car, carve passages for water to travel through. This allows the water from these channels to flow further and nourish a larger amount of land.

Although the paths of the underwater channels are extensive, the hippos know them well. When a threat presents itself, hippos retreat into the sanctuary of the channels. However, if a hippo has no choice but to fight, they are aggressive and territorial creatures that can inflict serious injuries on their enemies.

Despite this, there is an opponent that hippos can't confront — global warming. As Earth's temperature rises, the likelihood of the water disappearing from the Delta increases. Losing the protection of their aquatic habitat could force the hippos to abandon the Delta in search of conditions more suited to their needs. As hippos help to shape the waterways, their absence would be a significant loss.

1. In the text, it says the Delta's "water levels reach their peak" (line 5) from March to June. What does this mean?
  - A The water travels faster than ever before.
  - B** The amount of water is the most it will be all year.
  - C The water builds up to touch the highest point in the Delta.
  - D The quality of the water is at its best.
  - E The water completely covers up all of the land.
2. Which of the following statements is false?
  - A Many species of animals live in the Delta.
  - B There are islands in the Delta.
  - C** Creatures start coming to the Delta in June.
  - D The Delta is in the southern part of Africa.
  - E The Okavango Delta covers a large area.

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3. "animals migrate from drier areas to take advantage of the conditions offered by the Delta" (lines 6-7). What does this mean?
- A Animals go to the Delta to find places that aren't wet.
  - B Animals go to the Delta to become stronger and more powerful.
  - C Animals go to the Delta to be warmer.
  - D Animals go to the Delta because it's rainier than in other places.
  - E Animals go to the Delta to find a better place to live.
4. According to the text, why are hippos less noticeable than other animals?
- A They are only the third-largest land mammal.
  - B People are more interested in the lions, giraffes and hyenas.
  - C They crouch behind the grass on the islands.
  - D They often keep most of their body in the water.
  - E They cover themselves in mud so they are disguised.
5. Which of the following about hippos in the Delta is not mentioned in the passage?
- A Whether they have thick or thin legs
  - B How big their bodies are
  - C The shape of their eyes
  - D The colour of their skin
  - E What their toes are like
6. According to the text, what role do hippos play in the Delta?
- A They help spread mud to new areas within the Delta.
  - B They help other animals find water.
  - C They remove blockages so the water doesn't go stagnant.
  - D They create hiding places in the water for other animals.
  - E They help water travel further, which helps the land to be healthy.
7. Which adjective best describes hippos when they are forced to defend themselves?
- A Cunning
  - B Hostile
  - C Wary
  - D Fearless
  - E Confident
8. According to the text, how might global warming affect hippos?
- A The plants will die, so hippos will have no food.
  - B The temperature of the water will increase, which hippos are not suited for.
  - C There will be less rain, so hippos will have less water to drink.
  - D There will be less food, so other animals will start hunting hippos.
  - E There will be less water, so hippos will have to find somewhere else to go.

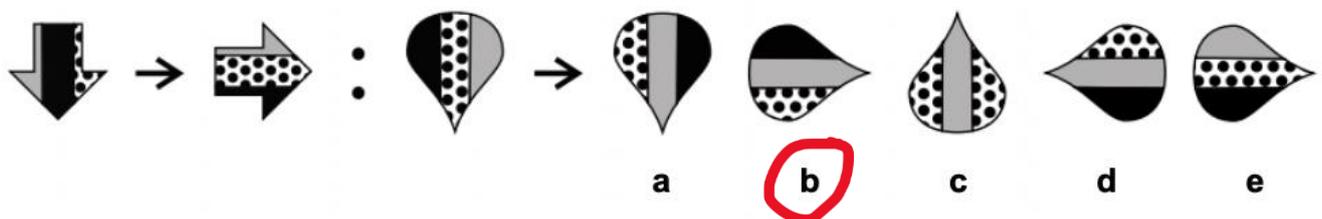
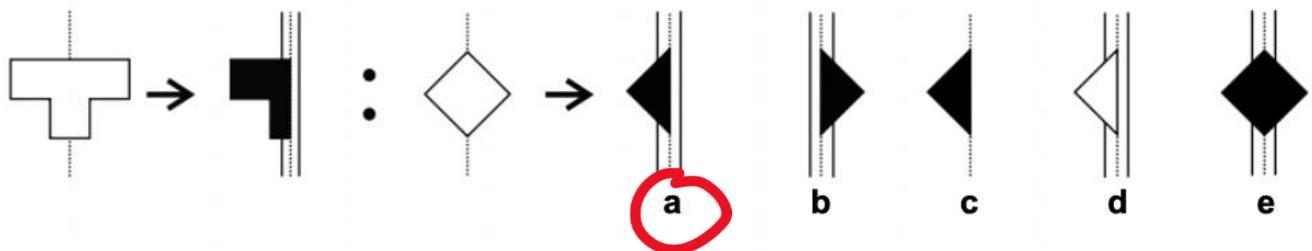
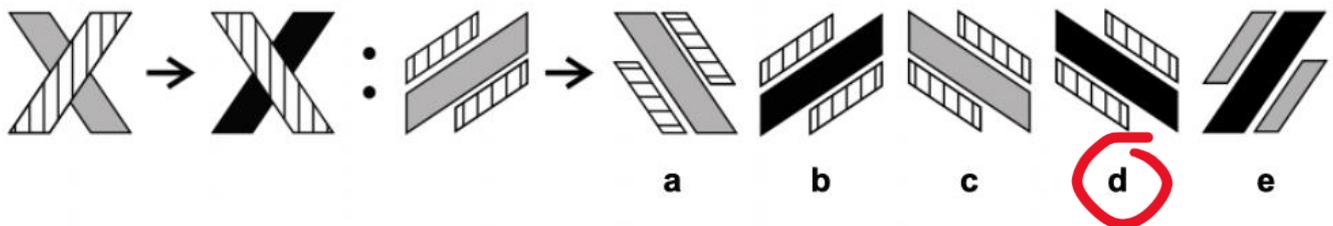
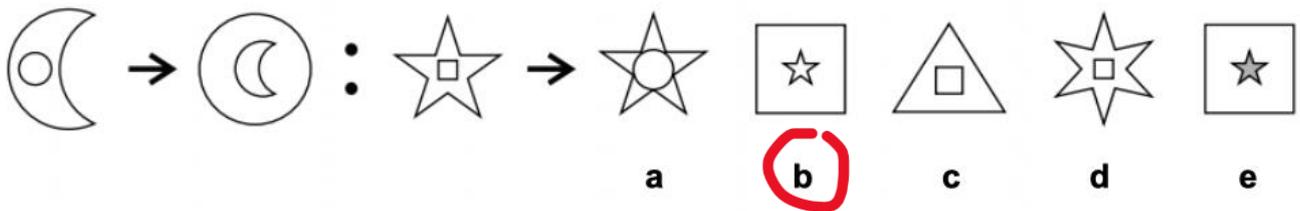
9. What does the word "intricate" (line 3) mean?
- A Natural
  - B Random
  - C Complex**
  - D Large
  - E Remarkable
10. Which word is closest in meaning to "sanctuary" (line 18)?
- A Barrier
  - B Refuge**
  - C Exit
  - D Trap
  - E Diversion
11. Which of the following quotes contains an example of alliteration?
- A "The water in the Delta comes from the Okavango River"
  - B "an intricate network of channels that wind through grassy islands"
  - C "including prowling lions, gentle giraffes and ferocious hyenas"**
  - D "commonly submerged in the depths of the winding channels"
  - E "Although the paths of the underwater channels are extensive"
12. "that can inflict serious injuries on their enemies" (line 20).  
What type of word is "serious"?
- A Noun
  - B Adverb
  - C Adjective**
  - D Preposition
  - E Conjunction

**Vocabulary Practice – Write in your book**

1. Write the definition
2. Write word class (adjective, verb, noun)
3. Write it in a sentence
4. Write a synonym and antonym for it

1. Amused      2. Empathetic      3. Expressive      4. Exultant      5. Resolute

**Non-Verbal Recap – Complete the pair**



**Verbal Reasoning Recap**

Find the pair of letters that continues each sequence in the best way. Use the alphabet to help you. Write your answer on the line.

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

**Example:** TU QR NO KL HI ( EF )

IM NR SW XB CG ( HL )

QY NW KU HS EQ ( BO )

PB RD SE UG VH ( XJ )

GB HB IC JE KH ( LL )

The number codes for three of these four words are listed in a random order. Work out the code to answer the questions. Write your answer on the line.

**HAIR DARE REED HERD**

**5226 1256 1345**

Find the code for the word **HERD**. ( 1256 )

Find the code for the word **RAID**. ( 5346 )

Find the word that has the number code **6235**. ( DEAR )

In each sentence below, a four-letter word is hidden at the end of one word and the start of the next. Write the hidden word on the line.

**Example:** We were flying low below the clouds. ( glow )

I sent my first email yesterday. ( stem )

The villa was on a hill. ( evil )

Lila is older than me. ( sold )

My desk needs tidying up. ( knee )