

Homework Term 6 Session 4- Maths

14. The pie chart shows how many children wear full uniform, part of the uniform or no uniform at a school.

What fraction of the total number of children wear full school uniform?

- A $\frac{1}{4}$ B $\frac{1}{2}$ C $\frac{3}{4}$ **D $\frac{1}{6}$** E $\frac{1}{3}$

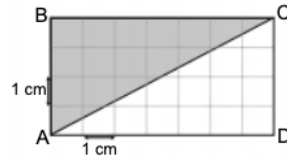


15. One Saturday, the temperature in Quebec was -16°C and the temperature in England was 5°C . What was the temperature difference between Quebec and England?

Answer: 21 $^{\circ}\text{C}$

16. The rectangle on the right is drawn on a 1 cm square grid. What is the area of the shaded triangle?

Answer: 14 cm^2



17. Which of these numbers is a multiple of 3?

- A 334 B 101 C 227 D 211 **E 177**

18. The table below shows the number of pictures on each page of a children's story book.

Number of pictures	1	2	3	4	5	6	7	8
Number of pages	5	9	6	14	9	21	9	11

What is the most common number of pictures on a page?

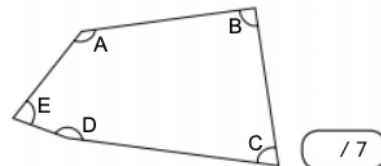
Answer: 6

19. What is $1\frac{1}{2}$ as a decimal?

- A 9.8 C 17.5 E 9.2
B 7.4 D 8.5

20. Which of the angles in this shape is closest to a right angle?

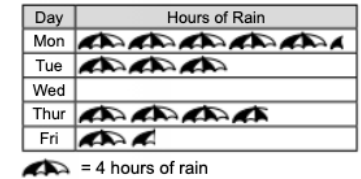
- A **B** C D E



21. The number of hours of rain on each day was recorded for five days. The pictogram shows the result.

How many more hours of rain were there on Monday than on Thursday?

Answer: 6 hours



22. One flapjack needs 20 g of sugar. Reiko has a 2 kg bag of sugar.

How much sugar will she have left after she has made 25 flapjacks?

Answer: 1500 g

23. Niamh watches a film that was released in the year MCMXCIX. Niamh was born in 2007.

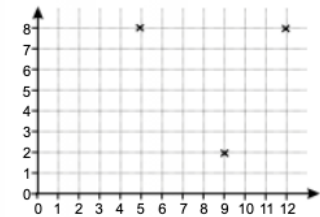
How many years older than Niamh is the film?

Answer: 8 years

24. Three corners of a parallelogram have been marked on this grid.

What are the coordinates of the fourth corner?

- A (2, 3) C (3, 2) E (4, 2)
B (2, 2) D (1, 1)



25. Sanji is selling ice creams and needs to buy thirty ice cream cones. He can buy normal cones or waffle cones.

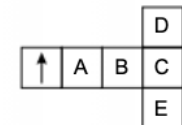
How much more would it cost him to buy waffle cones instead of normal cones?

Answer: £ 3

Waffle cone: 46p each
Normal cone: 36p each

26. The net in the diagram on the right is folded to form a cube. Which face of the cube will the arrow point to?

- A B C **D** E

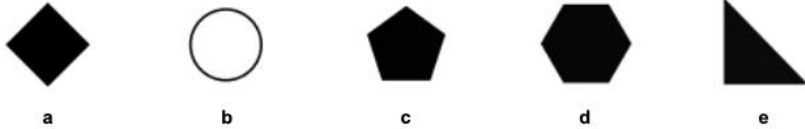


Homework Term 6 Session 4 – Non-Verbal

Section 3 — Odd One Out

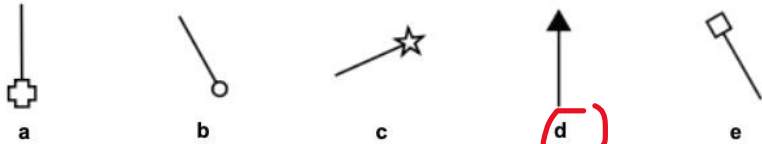
Each of the questions below has five figures.
Find which figure in each row is most unlike the others.

Example:

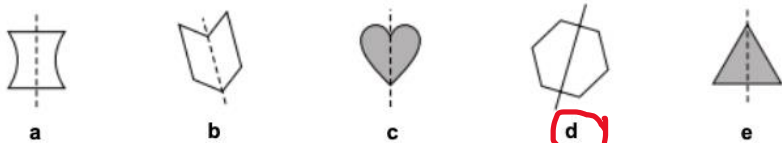


Answer: b

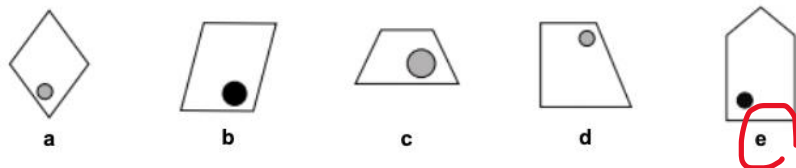
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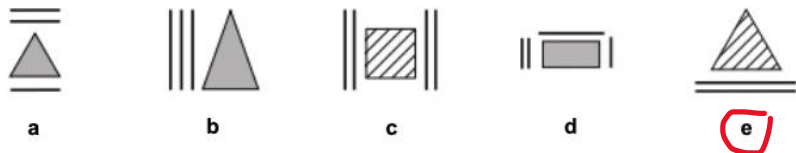
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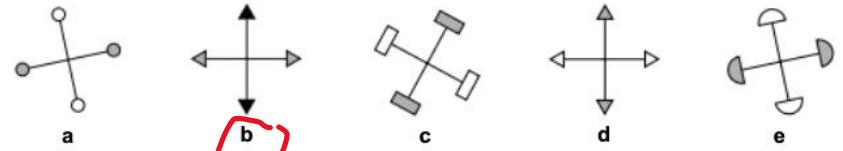
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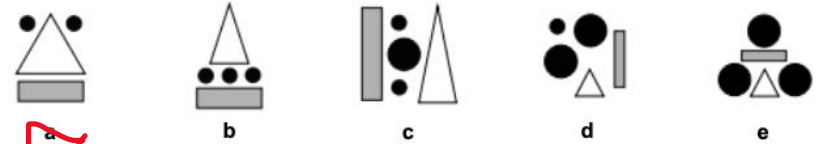
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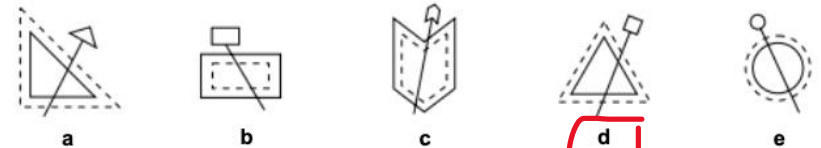
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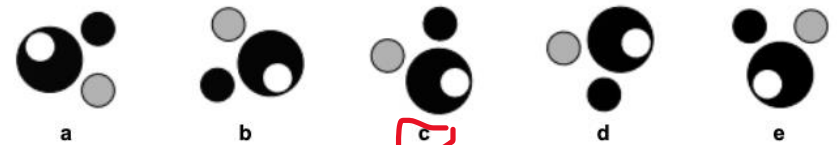
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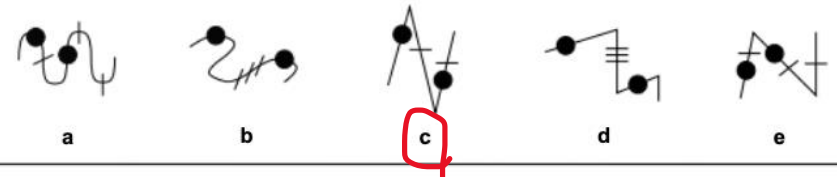
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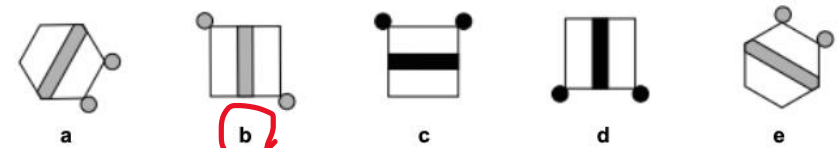
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9



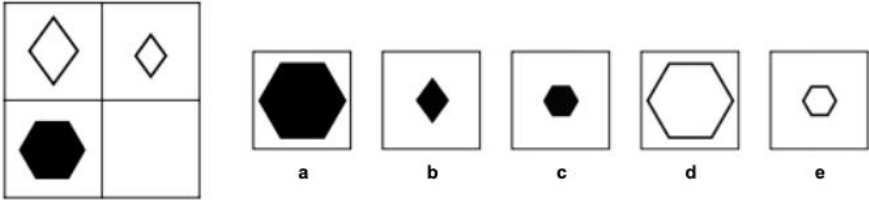
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Section 2 — Complete the Grid

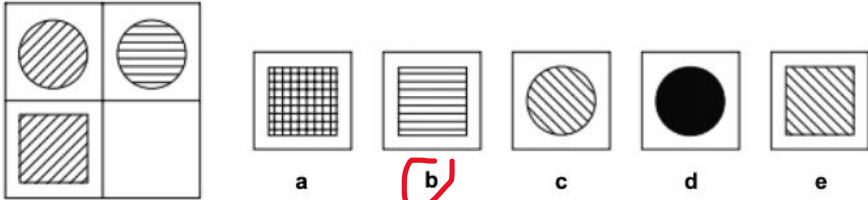
On the left of each question below is a big square with one small empty square. Find which of the five squares on the right should replace the empty square.

Example:

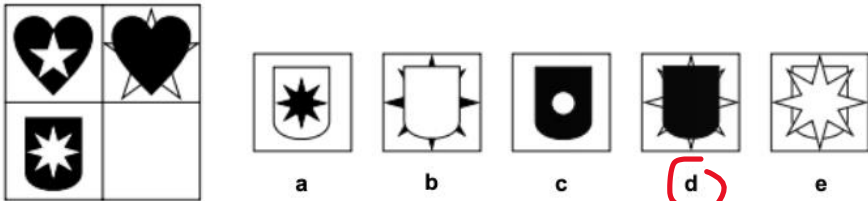


Answer: c

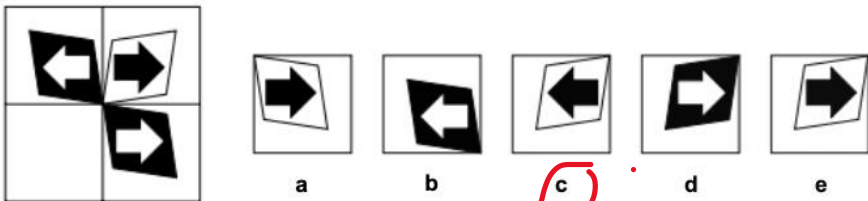
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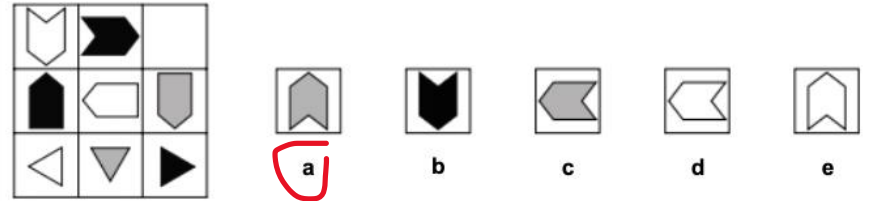
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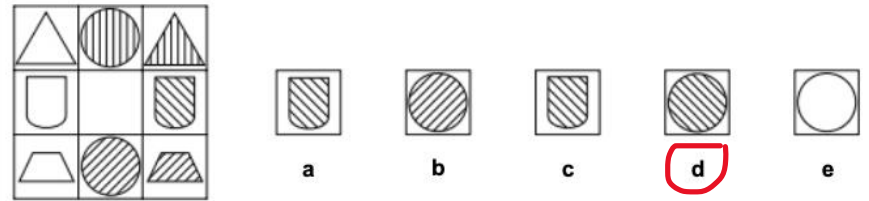
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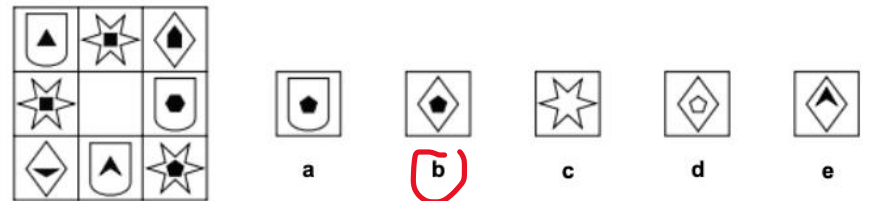
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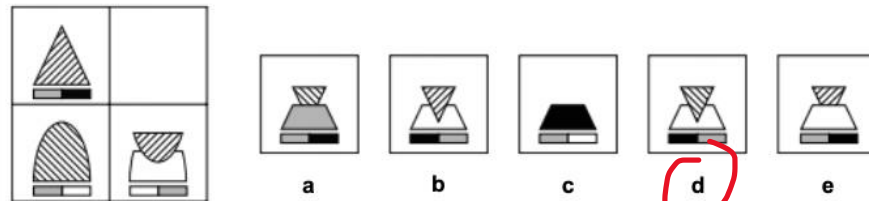
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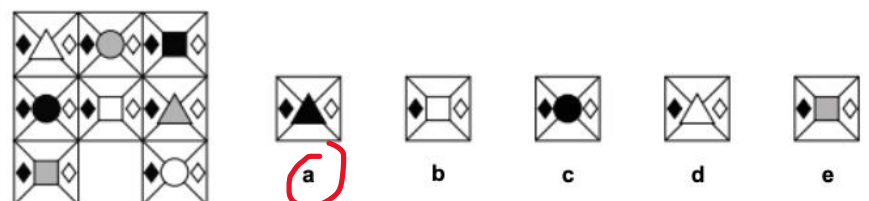
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7



8



Homework Term 6 Session 4 - English

The Treasure Hunt

Jimmy looked with increasing frustration from the card in his clammy hand to his friends' bewildered faces. He read the clue aloud, for what felt like the hundredth time:

*"Head west to find the final clue,
If you cooperate you won't feel blue,
No foul play, be fair and right,
And the treasure could be yours tonight."*

"We may as well accept defeat in this treasure hunt, Jimmy," whispered Felicity.

Jimmy felt a wave of disappointment crash over him. It was the final evening of Park Hill School's annual camping trip, taking place as usual in the woods surrounding Westbury Farm, and winning the treasure hunt with his best friends would be the perfect way to end the weekend. Jimmy had loved every minute of it: the nature walks, building dens, listening to ghost stories around the campfire and, above all, sleeping outdoors, listening to the strange rustlings of the countryside at night.

Up until this point, they had managed to work out each clue quite swiftly and only Freddie Farley's team was keeping up with them. Freddie, the school football captain, was infamous for being a bad loser and wasn't above using underhand tactics to try and win. Jimmy suspected Freddie was responsible for their broken compass and missing map.

"We are not giving up." Jimmy spoke weakly.

"Perhaps 'west' means 'Westbury Farm'?" suggested Felicity, tentatively.

Jimmy's team turned as one to look at the farm. It seemed as though 'coop' and 'fowl' might unravel this maddening mystery.

Answer these questions about the text that you've just read.
Circle the letter that matches the correct answer.

- Why were Jimmy's friends "bewildered" (line 2)?
 A They were lost in the woods.
 B They were finding the treasure hunt difficult.
 C They did not understand why Jimmy wanted to win.
 D They were bored because Jimmy kept talking.
 E They were confused by the clue.
- Why did Jimmy feel as though he had read the clue a hundred times?
 A He had already read it 99 times.
 B He was finding the clue hard to read.
 C He had read the clue lots of times but his team could not solve it.
 D He had read the clue lots of times but his team were not interested.
 E He enjoyed reading the clue so he kept reading it aloud.
- Why did Jimmy speak "weakly" (line 17)?
 A He had lost his voice because he had been talking so much.
 B He did not really believe what he was saying.
 C He was speaking quietly so Freddie wouldn't overhear.
 D He was tired so he couldn't speak loudly.
 E He was annoyed because Felicity wanted to give up.

- How often did the school camping trip take place?

- A Once a month
 B Every six months
 C Once a year
 D Occasionally
 E The text doesn't say

Answer these questions about the way words and phrases are used in the passage.

- Which of these words is closest in meaning to "frustration" (line 1)?
 A Annoyance
 B Disappointment
 C Worry
 D Fear
 E Shame
- Which of these is closest in meaning to "underhand" (line 15)?
 A Tricky
 B Clever
 C Imaginative
 D Dishonest
 E Secret
- The word "tentatively" (line 18) could most accurately be replaced by:
 A casually.
 B quietly.
 C slowly.
 D hopefully.
 E uncertainly.
- What are the words "maddening mystery" (line 20) an example of?
 A A simile
 B Alliteration
 C A rhyme
 D Personification
 E A metaphor
- "Jimmy felt a wave of disappointment crash over him" (line 8). What is this an example of?
 A A proverb
 B Personification
 C A simile
 D A metaphor
 E Alliteration
- Which of the following activities is not mentioned in the text?
 A Building campfires
 B Sleeping outdoors
 C Nature walks
 D Building dens
 E Listening to ghost stories
- Why was Freddie "infamous" (line 14)?
 A He was the school football captain.
 B He was using underhand tactics.
 C He couldn't stand it if he didn't win.
 D He was the most popular boy at school.
 E He had broken Jimmy's team's compass and taken their map.
- How do you think Jimmy's team feels in lines 19-20?
 A Nervous
 B Confused
 C Hopeful
 D Confident
 E Thoughtful

Homework Term 6 Session 4 – Verbal

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

WHIP WEIR PIER WIPE
4362 1534 1346

24. Find the code for the word **WHIP**.

25. Find the code for the word **WIPE**.

26. Find the word that has the number code **2346**.

(1534)
(1326)
(RIP E)

/ 3

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

SOUR TEST ROSE SURE
4612 4561 3243

27. Find the code for the word **TEST**.

28. Find the code for the word **RUST**.

29. Find the word that has the number code **5614**.

(3243)
(1643)
(OUR S)

/ 3

Mark a word from the first set, followed by a word from the second set, that go together to form a new word.

Example: (dog cat cow) (man boy lad) (the new word is 'cowboy')

30. (sun crowd car)

(wind shine dark)

31. (eve party birth)

(day song tomorrow)

32. (sky lit air)

(boot dock port)

33. (eye head nose)

(brim brow foot)

34. (butter cake pan)

(fly flour bowl)

35. (watch hour clock)

(work know second)

/ 6

Find the word that completes the third pair of words so that it follows the same pattern as the first two pairs.

Example: pants ant toner one harms (arm)

36. rabbit bit

unhand and

scrape

(ape)

37. portal port

masses mass

camels

(came)

38. stamps map

starts rat

browns

(won)

39. places sap

trails sat

paired

(tip)

40. parking pin

betrays bay

hallows

(how)

/ 5

Mark two words, one from each set of brackets, that have the most opposite meaning.

Example: (shiny new unused) (old shabby dusty)

41. (sunrise sky dark)

(dawn night sunset)

42. (sad huge heavy)

(cry dense tiny)

43. (human boy woman)

(girl young child)

44. (pudding evening sleep)

(tea morning breakfast)

45. (summer month dry)

(warm harvest winter)

/ 5

Remove one letter from the first word and add it to the second word to make two new words. Do not change the order of the other letters. **Either** mark the letter that moves on the answer sheet, **or** write the two new words on the lines.

Example: spell ink (sell) (spink)

46. rider

cash

47. train

car

48. pants

toy

49. trash

urn

50. flood

ate

Ride crash

Rain cart

Pant toys

Rash turn

Food late

/ 5