



Answer Sheet

Paper Name: Logic puzzles-Missing letter

Paper ID: CUSTOM-VR-0D308BDA34

Full Name:



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP
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How to answer:

☒
A

☐
B

☐
C

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D

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E

How not to answer:

☐
A

☒
B

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C

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D

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E

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1	☐	☐	☐	☐	☐
	A	B	C	D	E
2	☐	☐	☐	☐	☐
	A	B	C	D	E
3	☐	☐	☐	☐	☐
	A	B	C	D	E
4	☐	☐	☐	☐	☐
	A	B	C	D	E
5	☐	☐	☐	☐	☐
	A	B	C	D	E
6	☐	☐	☐	☐	☐
	A	B	C	D	E
7	☐	☐	☐	☐	☐
	A	B	C	D	E
8	☐	☐	☐	☐	☐
	A	B	C	D	E
9	☐	☐	☐	☐	☐
	A	B	C	D	E
10	☐	☐	☐	☐	☐
	A	B	C	D	E

11	☐	☐	☐	☐	☐
	A	B	C	D	E
12	☐	☐	☐	☐	☐
	A	B	C	D	E
13	☐	☐	☐	☐	☐
	A	B	C	D	E
14	☐	☐	☐	☐	☐
	A	B	C	D	E
15	☐	☐	☐	☐	☐
	A	B	C	D	E
16	☐	☐	☐	☐	☐
	A	B	C	D	E
17	☐	☐	☐	☐	☐
	A	B	C	D	E
18	☐	☐	☐	☐	☐
	A	B	C	D	E
19	☐	☐	☐	☐	☐
	A	B	C	D	E
20	☐	☐	☐	☐	☐
	A	B	C	D	E

Read the text carefully and answer the question below.

Example Jeetan is five years older than Harriet. Dimitri is two years older than Joe. Harriet is three years older than Dimitri. Which of these statements is true?

- A Jeetan is the youngest.
- B Harriet is the oldest.
- C Dimitri is the oldest.
- D Jeetan is eight years older than Dimitri.
- E Harriet is two years younger than Joe.

Answer D (Harriet is three years older than Dimitri, and Jeetan is five years older than Harriet, so Jeetan is eight years older than Dimitri)

- 1.** Five footballers scored goals for their team during the school term. The most amount someone scored was thirteen more than the fewest. Jordan, who was not the top scorer, scored three times as many as Gareth, who scored two more than Marcus. Harry scored twice as many as Marcus. Raheem scored one more than Jordan. Sixteen was the highest individual total and three the lowest.

How many goals did Harry score?

- A 14 B 6 C 8 D 10 E 12

- 2.** Anjali, Ben, Carol, Delilah, and Ed like listening to different genres of music.
Anjali and Carol like Folk music, but Delilah and Ed like Jazz music
Ben only likes Pop and Classical music
Everyone who doesn't like Folk music or Pop music like Rock music
Anjali likes listening to Rock with Delilah, and Carol likes listening to classical music with Ed.

Who likes the most genres of music?

- A Anjali B Ben C Carol D Delilah E Ed

- 3.** Five friends are in a large queue for the match.
Liam is the closest to the front.
Paul is 17 places ahead of Lorraine who is at position 33 in the queue.
Lorraine is 23 places behind Chrissie.
Chrissie is 12 places ahead of Jim.
There are 31 places between the five friends.

What position is Liam in the queue?

- A** Second
- B** Third
- C** Fourth
- D** Fifth
- E** Sixth

- 4.** Six friends took a fun quiz that had 100 questions and one mark per correct answer.
There were fifty-four marks between the highest and lowest scores.
Alan got the highest score by six marks at eighty-two.
Robin came third and beat John by seven marks.
Kim got forty-eight more marks than Karim, who got eleven marks fewer than Ranjeet.
John got fifty-seven marks.

Which of these statements is true?

- A** Kim got 70 marks.
- B** Karim got 29 marks.
- C** Karim got 31 marks.
- D** Kim got 76 marks.
- E** Ranjeet got 40 marks.

- 5.** Five people have saved £8,750 between them. Carl had saved the least at £750. Winston had saved twice as much as Kelvin. Sharon had saved £1,500 more than Lewis, £1,000 more than Kelvin but £500 less than Winston. Lewis had saved £250 more than Carl.

How much had Winston saved?

- A** £3,000
- B** £2,500
- C** £5,000
- D** £3,500
- E** £4,000

- 6.** Six children are comparing what day their birthday falls on this year. Harry's birthday is three days before Asif's, which falls at the weekend. Jack's birthday is the only one that falls on a Tuesday. Winston's birthday is two days after Mo's. No-one's birthday falls on a Monday or Saturday and only Sarah's and Winston's birthdays fall on the same day.

Which of these statements is true?

- A** Sarah's birthday falls on a Monday.
- B** Mo's birthday falls on a Thursday.
- C** Mo's birthday does not fall on a Thursday.
- D** Harry's birthday falls on a Wednesday.
- E** Asif's birthday falls on a Thursday.

- 7.** Five pupils get different trains home from school, all leaving at different times.

Brian's train leaves first and is twenty-seven minutes before Steve's which is the last to leave.

Clara's train was second to leave by eight minutes at 4:48pm.

Wu's train leaves one minute before Sid's.

Sid's train was fourth to leave, at 5:05pm.

Which of these statements is true?

- A** Steve's train left at 5:06pm.
- B** Brian's train left at 4:43pm.
- C** Steve's train left at 5:07pm.
- D** Brian's train left at 4:46pm.
- E** Steve's train left at 5:08pm.

- 8.** Six children are comparing what day their birthday falls on this year. Guy's birthday is three days before Olly's, which falls at the weekend. Jim's birthday is the only one that falls on a Tuesday.

Wayne's birthday is two days after Eric's.

No-one's birthday falls on a Monday or Saturday and only Seb's and Wayne's birthday falls on the same day.

Whose birthday falls on a Wednesday?

- A** Guy
- B** Jim
- C** Eric
- D** Olly
- E** Seb

- 9.** Five people compare the number of contacts they have in their phones. Peter has twice as many as Samuel who has the least amongst the friends.
Joshy has six fewer than Nihal, who has nine more than twice Candice's. There is a gap of fifty-five contacts between the friend with the least and the friend with the most.
If Samuel deleted half of his contacts he would be left with nineteen.

How many contacts does Candice have?

- A** 39 **B** 40 **C** 45 **D** 41 **E** 42

- 10.** Five teachers take five different subjects between them.
Mr Arty takes Maths and Geography only.
Mrs Partella takes German, French and English only.
Mr Bazardi takes two of the subjects, two of which are the same as Mrs Raku's three subjects.
Mr Havens only teaches the three languages.
Only two of the teachers take German, only two take French and only two take Geography.

Which of these statements is true?

- A** Mr Bazardi prefers teaching English over Geography
B Mrs Partella teaches German and Geography only
C Mrs Raku teaches German, Maths and Geography only
D Mr Arty does not like teaching Maths
E Mr Bazardi teaches English and Maths only

*Find the letter that completes the **two pairs of words**. The **same letter** must be used such that it completes the word in front of the brackets and begins the word after the brackets.*

Example ma [?] ate ta [?] ent

A m

B d

C t

D l

E p

Answer **d** (The four words are **mad**, **date**, **tad**, **dent**)

11. ste [?] ait sle [?] on

A n

B w

C t

D d

E m

12. pa [?] ate ca [?] out

A s

B l

C r

D m

E y

13. fla [?] ate sa [?] ear

A m

B w

C s

D r

E g

14. hu [?] ale li [?] win

A p

B g

C t

D b

E s

15. sta [?] an ca [?] ed

A y

B r

C f

D l

E n

16. bu [?] aint ga [?] ip
A n **B** p **C** r **D** f **E** s

17. oa [?] eep dus [?] ill
A t **B** w **C** f **D** k **E** r

18. sli [?] ate ri [?] ace
A d **B** n **C** m **D** w **E** y

19. rif [?] ear lea [?] ew
A e **B** t **C** s **D** n **E** f

20. sha [?] eal tri [?] eek
A p **B** n **C** m **D** s **E** l