

Aptitude tests workbook

Use this worksheet to help you prepare for any aptitude tests you may have to complete as part of your apprenticeship application. The four different examples we'll be covering are: numerical reasoning, verbal reasoning, diagrammatic reasoning and spatial reasoning, but you may be tested in other areas as well.



What is an aptitude test?

An aptitude test is a way for employers to assess a candidate's abilities through a variety of different testing formats. Aptitude tests will test your ability to perform tasks and react to situations at work. This includes problem-solving, prioritisation and numerical skills, amongst other things.

Aptitude tests are not looking to catch you out with trick questions, they exist to test your problem solving and critical cognitive skills that would be useful for the job/apprenticeship.

You will likely encounter aptitude tests when applying for competitive courses, such as degree apprenticeships. It may also be part of jobs requiring specialised skills.

Remember, practicing them will make all the difference and alleviate any anxiety and apprehension you may have towards doing aptitude tests.



How do you feel about taking tests/assessments/exams in general?

(Circle/tick which one)

- Do you: A: Panic & stress
 B: Feel indifferent
 C: Feel relaxed



Top tips for to help you pass your aptitude tests:

- ✓ Complete lots of practice tests and questions- focus on your weakest areas!
- ✓ Get a good nights sleep and eat well before the test
- ✓ Check the test format beforehand
- ✓ Read the questions carefully
- ✓ Stay calm and if you get stuck move on to the next question
- ✓ Don't waste time on a difficult question
- ✓ Go back to any missed questions at the end

Numerical reasoning

Numerical reasoning is the ability to understand numbers and identify patterns and conclusions from data sets.

1 $37 + 17 = 9 + ?$

2 A team of three lumberjacks cut an average of 45,000 cubic feet of timber in a week. How many thousand cubic feet will seven lumberjacks cut in two weeks?

- A: 21
- B: 105
- C: 225
- D: 210
- E: 22

3 Identify the missing number at the end of the series.

5, 12, 19, 26, ?

- A: 31
- B: 33
- C: 35
- D: 34
- E: 37

Verbal reasoning

Verbal reasoning is the ability to understand and comprehend concepts using language. It relates to how we understand and engage with written and verbal language.

1 Select the word that best completes the analogy:

Hot is to cold as up is to _____

- A: Down
- B: Sideways
- C: Far
- D: Close
- E: Upward

2 Which of the following options is **not** a synonym of the word 'eloquent'?

- A: Fluent
- B: Articulate
- C: Incoherent
- D: Persuasive
- E: Coherent

3 Choose the pair of words that best completes the sentence:

The _____ of the timetable caused some _____

- A: rivation/inconvenience
- B: revision/inconvenience
- C: revission/inconvenience
- D: revition/inconvenience

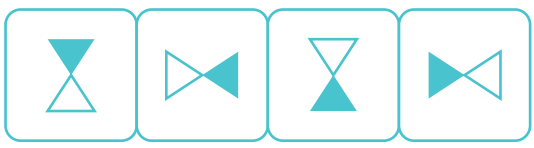


Diagrammatic reasoning

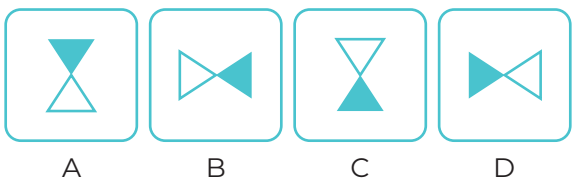
Diagrammatic reasoning assesses your capability to interpret data and solve problems.

1 Which symbol in the answer figure best completes the sequence in the problem figure?

Problem figure

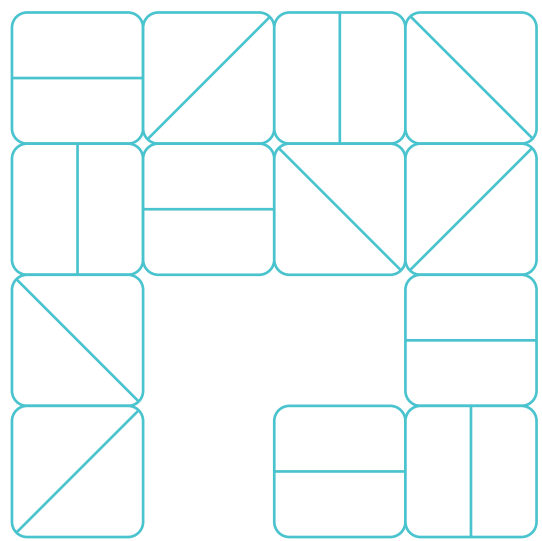


Answer figure

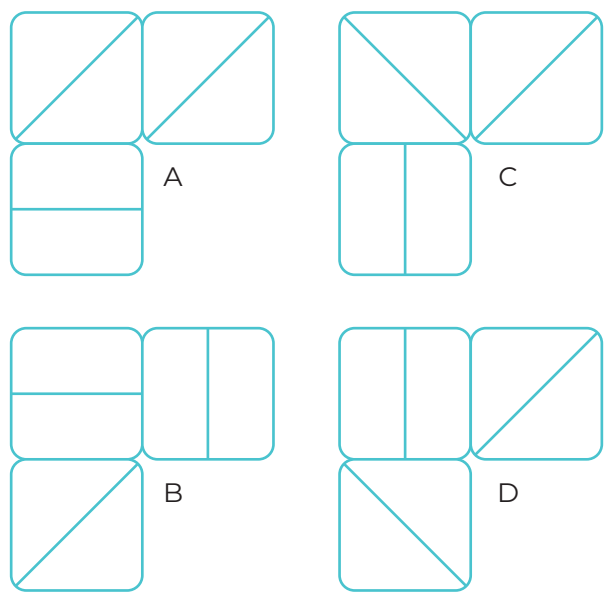


2 Which of the answer figures best fits the missing space in the question figure?

Problem figure



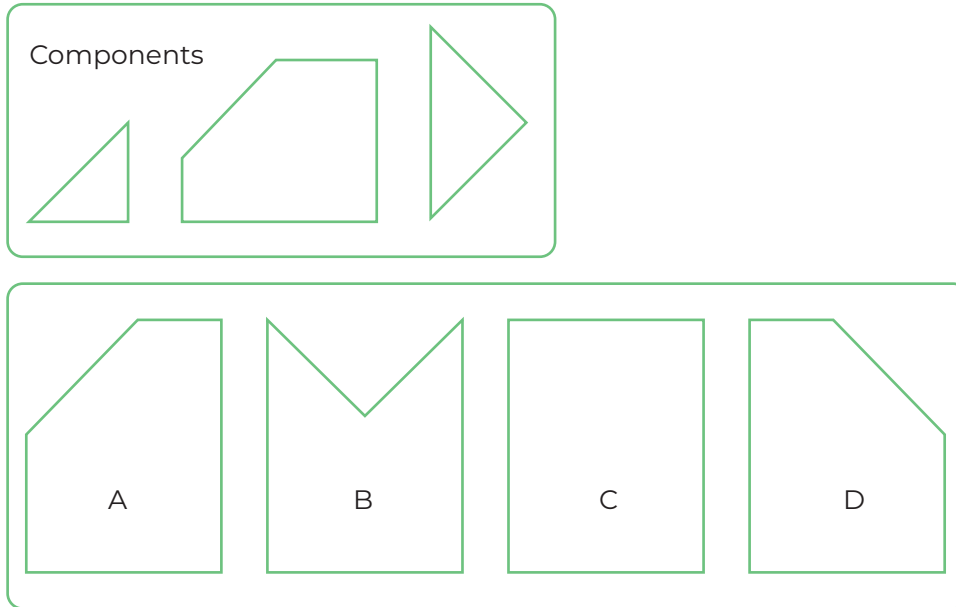
Answer figure



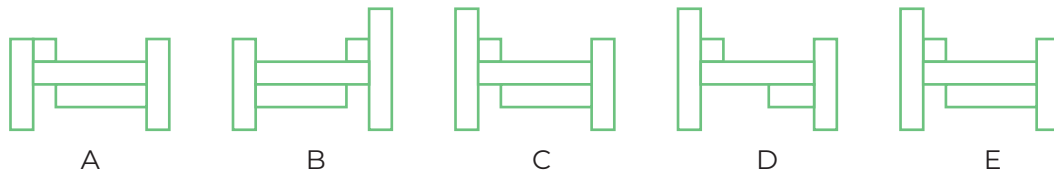
Spatial reasoning

Spatial reasoning is the ability to visualise objects in alternative forms. For example, understanding objects in both two- and three-dimensional forms.

1 Which of the complete shapes can be made from the components shown?



2 Which two pictures are identical?



Remember that these are just examples of the types of questions you may encounter on your aptitude test - there are lots more different themes that could come up, such as critical thinking, error checking, situational judgment and more.

Don't worry if you struggled with any of the questions above - ask your subject tutors for help if you're not sure, or there are lots of resources for aptitude tests available online which can help you prepare.



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