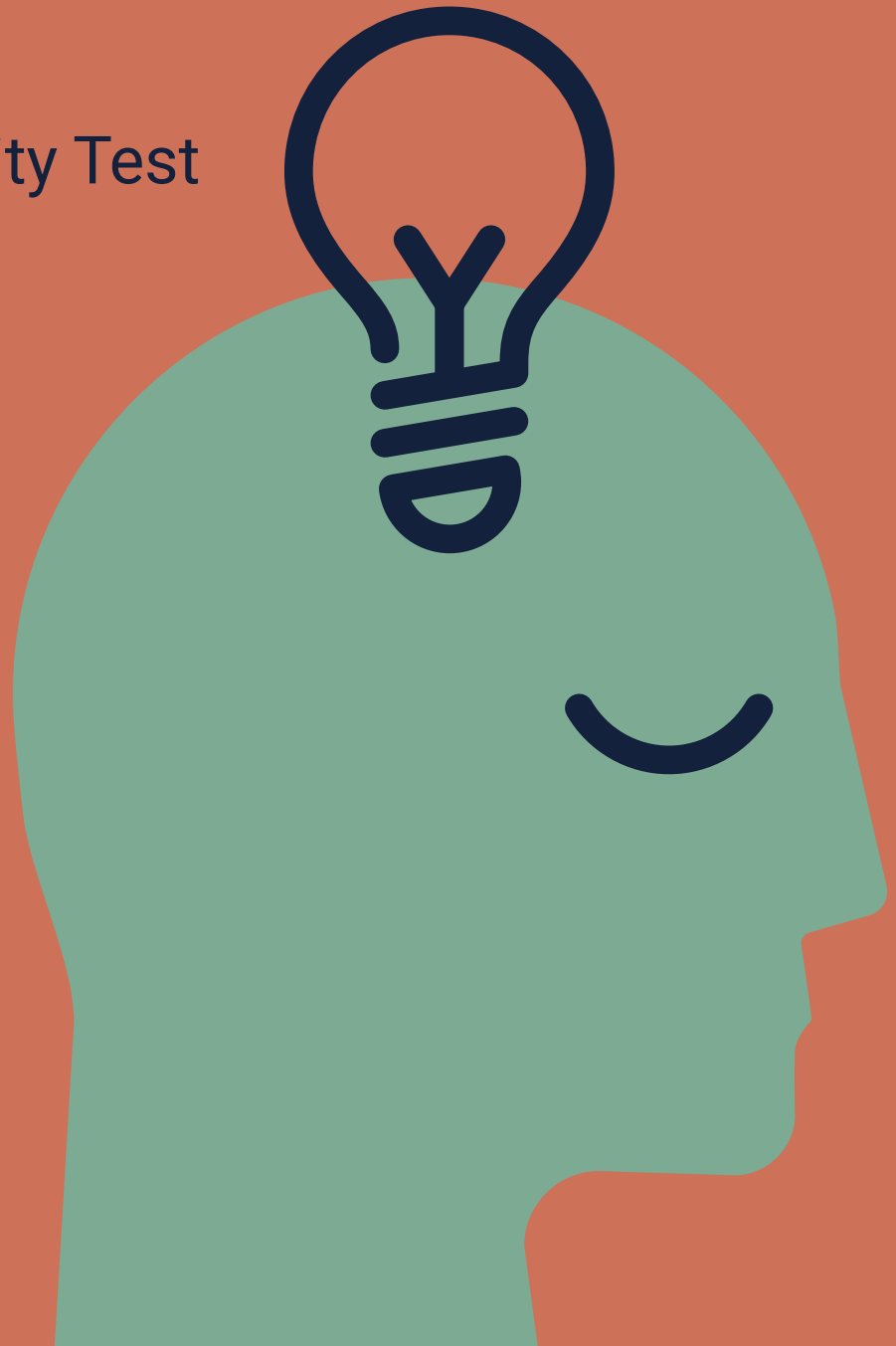# ACER General Ability Test
2nd Edition

Primary Sample Questions

This sample booklet has 10 questions.
Each question has 4 options: A, B, C, D

The skills assessed in AGAT require students to think critically, make logical deductions, identify connections and spot patterns. Students must demonstrate their ability to think outside the box and use their higher-order thinking skills to solve non-routine problems.

The AGAT test is split evenly between these 5 skill areas:

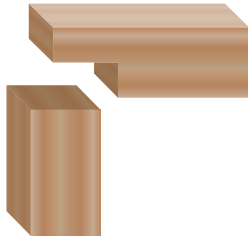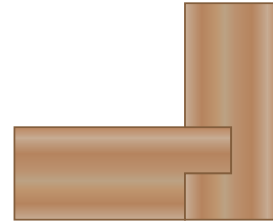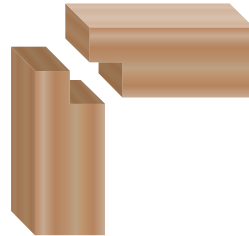**Spatial Reasoning**   **Verbal Reasoning**   **Abstract Reasoning**   **Numerical Reasoning**   **Kinetic Reasoning**
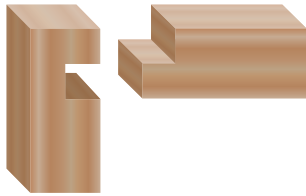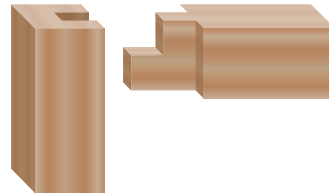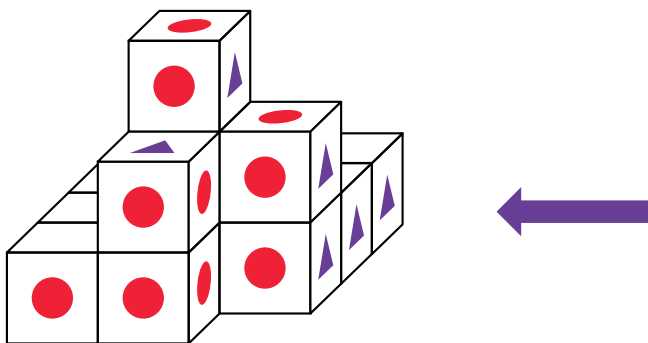
1 Which wooden pieces will make this corner shape?

A

B

C

D

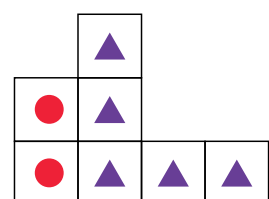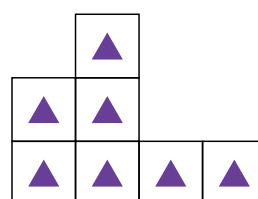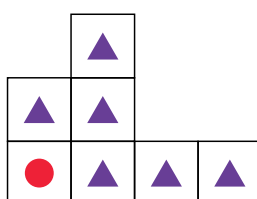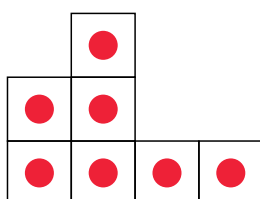**2** Which picture shows the blocks viewed from the side?

A   B   C   D

2

3 Which word best links these three words together?
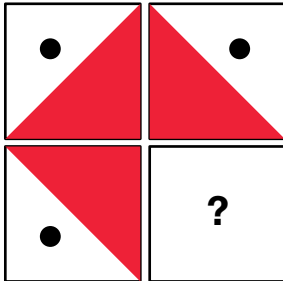
word, **cover**, **spine**

   A   hide
   B   body
   C   sheet
   D   book

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4 kitten ⟶ cat   so   chick ⟶ ?

   A   seal
   B   fish
   C   bird
   D   horse

5 Which picture completes the pattern?
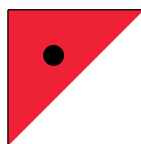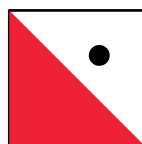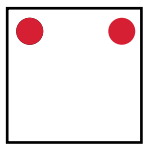

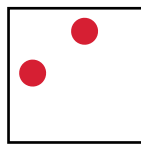   **A**   **B**   **C**   **D**

6 Three of these are alike in some way.

Find the one that is different.
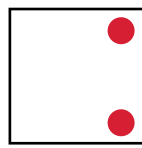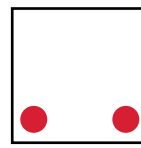

| A | B | C | D |

Numerical Reasoning

7 The machine uses a rule to change any number that is put into it.

What is the missing output?

A   6
B   7
C   8
D   9

input 5 → output 6
input 3 → output 4
input 8 → output ?
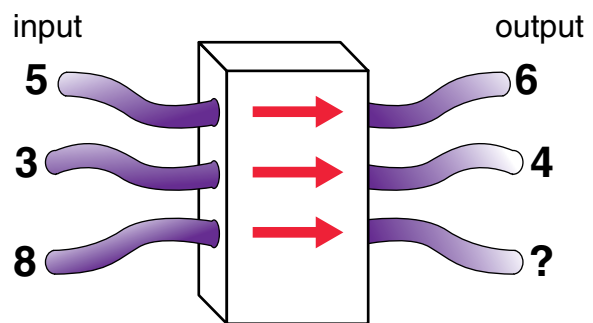
8 How much does one banana cost?

A $0.50
B $1.00
C $1.50
D $2.00

banana + banana + apple = $4.00

banana + apple = $2.50

banana = ?

9 Four appliances are connected to a power supply using three power boards.

Board B is not working.

How many appliances will not work?

A 1
B 2
C 3
D 4

Board A

Power supply

Board B

Board C

TV

Phone

Board C

Speakers

Laptop

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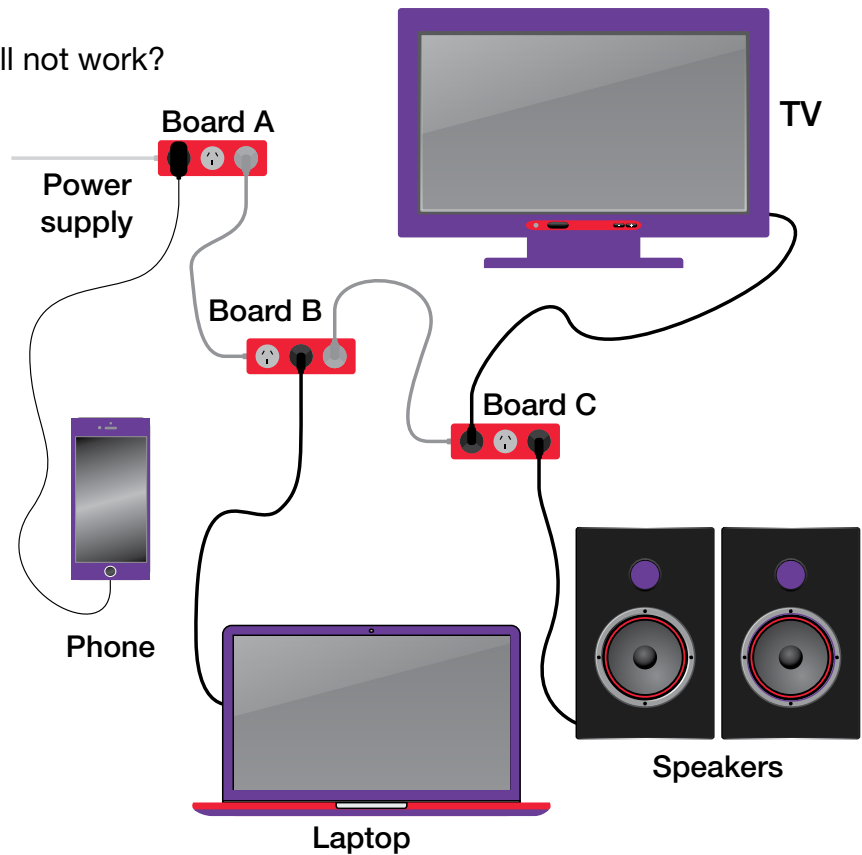
10 Drones on a grid can only travel left, right, forwards or backwards (not diagonally).

1 move = travel a maximum of 4 squares in one direction.

Four drones are shown in their starting positions on this 5 × 5 grid.

Which square can not be reached by any drone in 1 move?

A P1
B R3
C R4
D S4

Answers

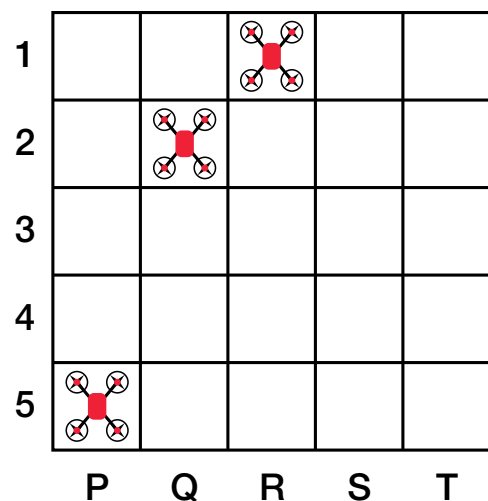| Question	Strand	Correct option	Explanation
Q1	Spatial	C	The joint matches when viewed from a different angle.
Q2	Spatial	D	The view from the side includes 2 circles and 5 triangles.
Q3	Verbal	D	Word, cover and spine are all components of a book.
Q4	Verbal	C	A kitten is a baby cat, a chick is a baby bird.
Q5	Abstract	A	The pattern has multiple lines of symmetry.
Q6	Abstract	B	The two circles in option B are NOT in the corners.
Q7	Numerical	D	The number machine adds 1.
Q8	Numerical	C	An apple costs $1.00 and a banana costs $1.50.
Q9	Kinetic	C	The laptop, TV and speakers will not work.
Q10	Kinetic	D	No drone can reach S4 in any one move.

AGAT

ACER General Ability Test