



***Technical Test
Battery (TTB2)
Sample-Question
Booklet***



***Mechanical
Reasoning Test
(MRT2)
Sample-Question
Booklet***

Mechanical Reasoning

Instructions for: Mechanical Reasoning

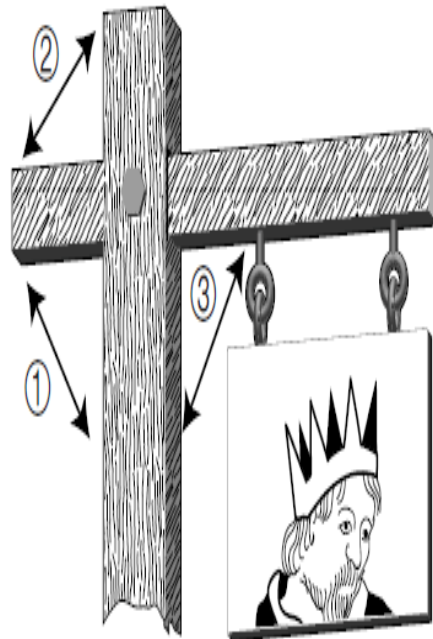
This is a test of your understanding of mechanical principles.

Each problem consists of a question, which refers to one or more pictures. You have to look at each problem and select the correct answer.

Proceed to the next page to answer some Mechanical Reasoning questions.

Mechanical Reasoning

E 1 Which is the best place for the support chain? (if no difference, mark 4)



1

2

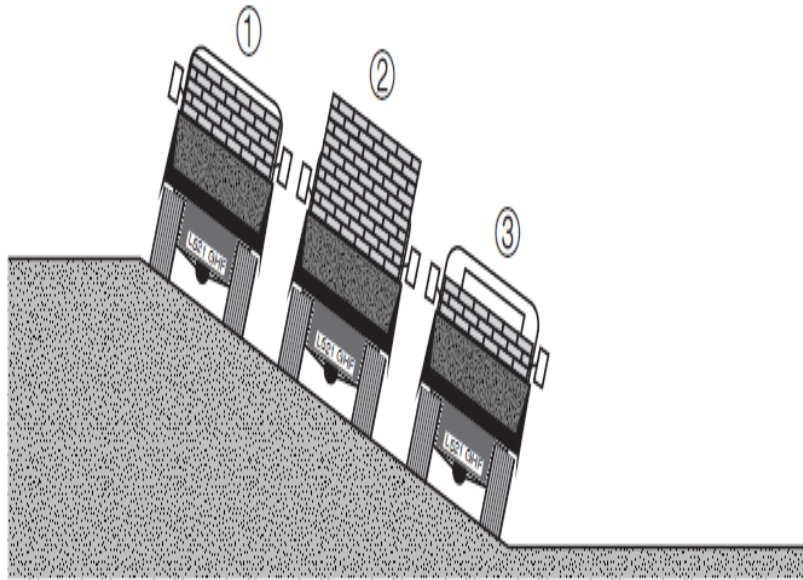
3

4

1	2	3	No difference
---	---	---	---------------

Mechanical Reasoning

E2 Which load is least stable? (If you cannot determine, mark 4)



1

2

3

4

1	2	3	No difference
---	---	---	---------------

Proceed to the next page to view the answers.

Mechanical Reasoning

Answers:

- 1. *1 The only chain that would offer support is 1.*** With the weight of the King's portrait chains in positions 2 and 3 they would become slack whereas a chain in position 1 would become taut offering support.
- 2. *2 Load 2 is the least stable because it has the*** highest centre of gravity on the truck.



***Spatial Reasoning
Test (SRT2)
Sample-Question
Booklet***

Spatial Reasoning

Instructions for: Spatial Reasoning

This is a test of your ability to visualize objects in three dimensions.

Each problem consists of a question, which refers to one or more pictures.

Proceed to the next page to answer some Spatial Reasoning questions.

Spatial Reasoning

E 1



Which one of the four figures below, could be made by folding the pattern opposite? (if none mark 5)

①



②



③



④



1

2

3

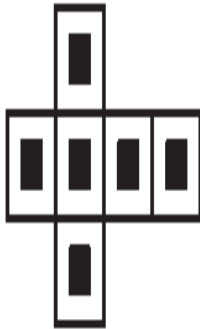
4

5

				None of the above
--	--	--	--	--------------------------

Spatial Reasoning

E 2



Which one of the four figures below, could be made by folding the pattern opposite? (if none mark 5)

①



②



③



④



1

2

3

4

5

				None of the above
--	--	--	--	--------------------------

Spatial Reasoning

Answers:

- 1. 2** *As the example pattern is* completely darkened only a completely darkened figure can be made from folding it. All the other answer choices have a figure with a side that is “white” rather than “darkened”.
- 2. 4** *As the example pattern has a* black square within each of its folds, only a figure can be made that has a black square on each of its sides. Only answer choice 4 has a “black square” on each side of the figure.



***Visual Acuity Test
(VAC2)
Sample-Question
Booklet***

Visual Acuity

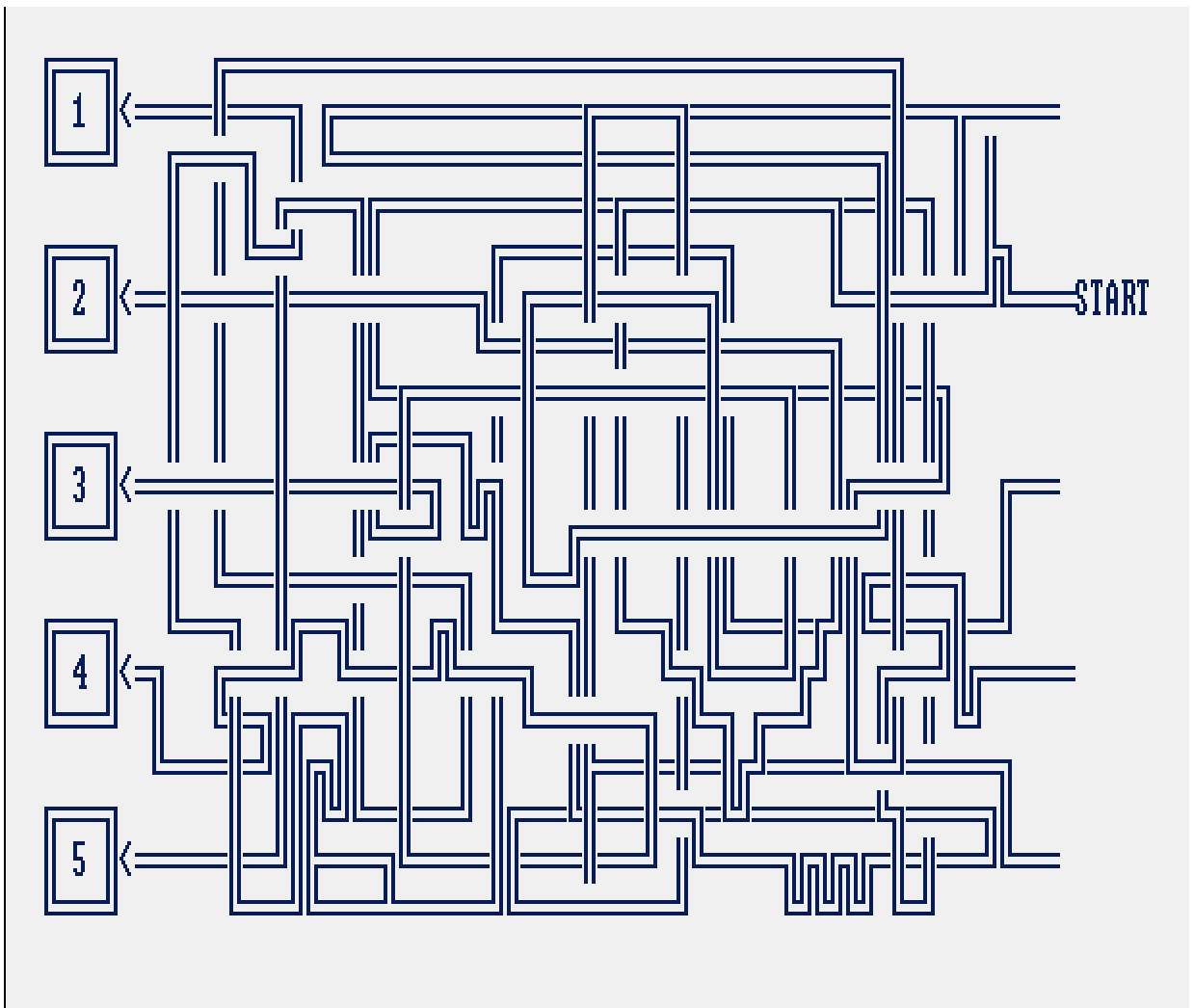
Instructions for: Visual Acuity

This is a test of your ability to follow a single pathway through a complex maze.

*Proceed to the next page to answer a
Visual Acuity question.*

Visual Acuity

1. Select the correct path through the maze by choosing the number of the box where you think the line will emerge.

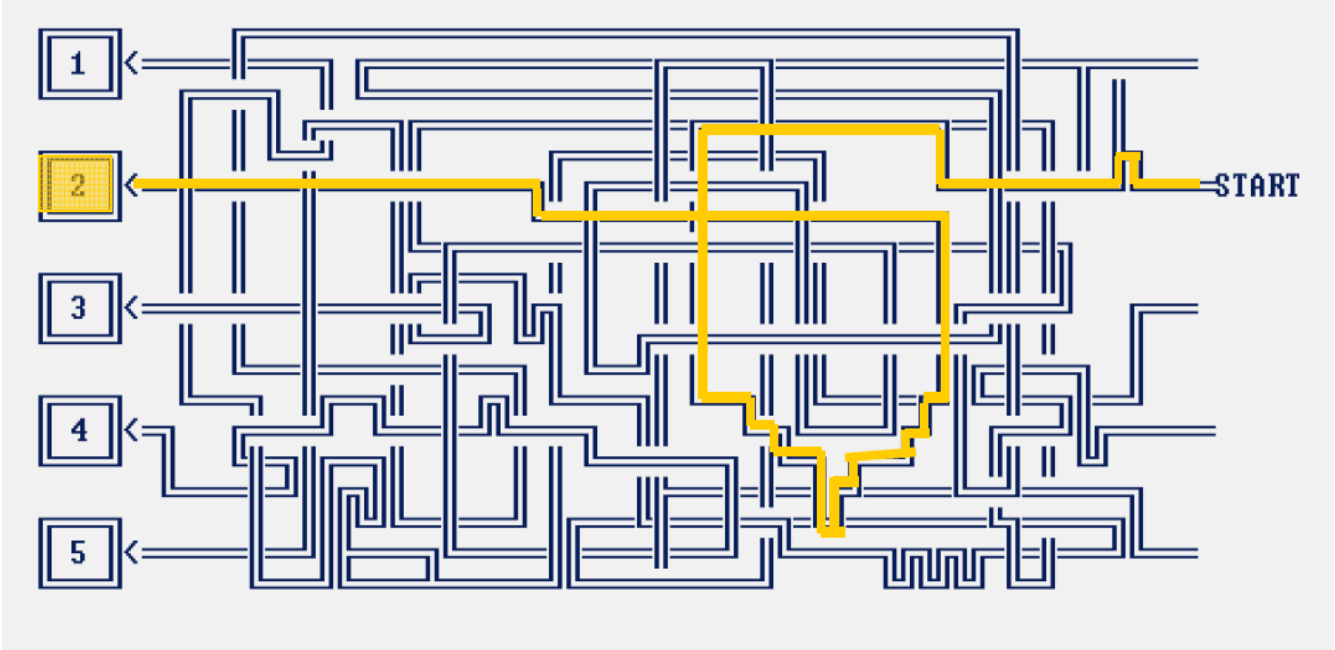


***Proceed to the next page
to view the answer.***

Visual Acuity

Answer:

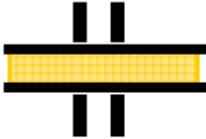
1. 2



The image above shows the correct path to take. Note the lines go...



under



over



behind