



Warning: The interactivity in this PDF file is enabled by Javascript. For full functionality you have to use the Javascript capable PDF browser. Currently only Adobe Reader is available.

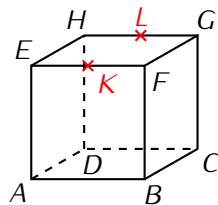
## CUBE – I

### TABLE-SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.



The cube  $ABCDEFGH$  shown in the picture has edges of length 12 cm. Let  $K$  be the midpoint of the edge  $EF$  and let  $L$  be the midpoint of the edge  $GH$ . Find the distance between



- |    |                                     |                          |                          |                          |                          |
|----|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. | the lines $AB$ and $CD$ :           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | the lines $AB$ and $KL$ :           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | the lines $AB$ and $GL$ :           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | the lines $AB$ and $HK$ :           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | the line $AB$ and the plane $KFC$ : | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | the line $AB$ and the plane $DCL$ : | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

