

ANSWER SHEETS

5.6.2006

ENTRANCE EXAM FOR ENGINEERING CURRICULUM

NAME: _____
(Use capital letters, please)

Signature: _____

Social security number: _____

The marker fills in:

The text comprehension test

Mathematics, logical deduction, physics/chemistry

Problem	1	2	3	4	5	6	7	8	9	10	Total
Score											

TOTAL

READING COMPREHENSION TEST (Part 1)

Mark the following statements either true or false according to the following

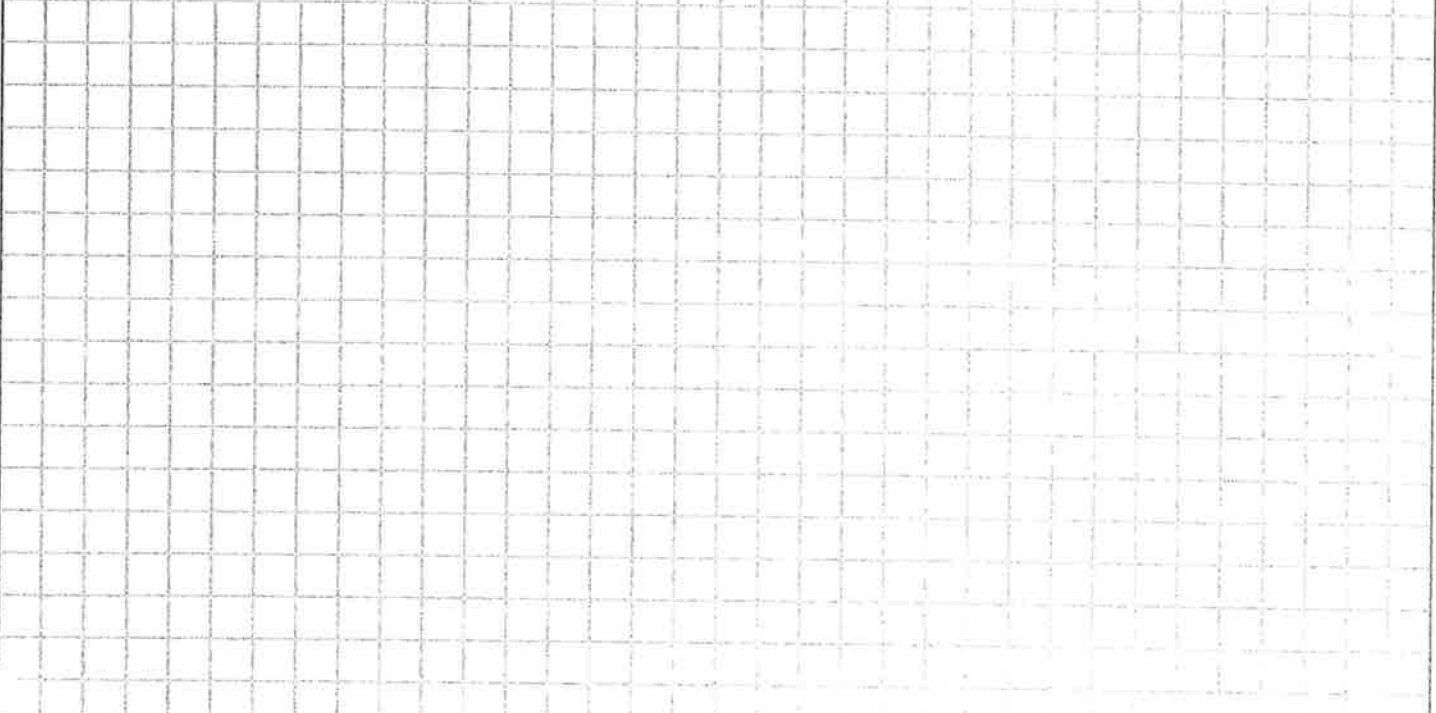
TRUE, if the statement is in accordance with the text.

FALSE, if the statement is not in accordance with the text.

Grading: 10 correct answers 5 points, 9 correct answers 4 points, 8 correct answers 3 points,
7 correct answers 2 points and 6 correct answers 1 points.

- | | True | False |
|---|--------------------------|--------------------------|
| 1. The Han dynasty was in power in China at the same time as the dark Middle Ages prevailed in Europe. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. The word China derives from the word that meant paper during the Han dynasty. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. The Liu clan was in power for the whole 400 year reign of the Han dynasty. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. The first emperor of the Han dynasty was Liu Bang. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. During the early years of the Han dynasty, the Great Wall provided effective protection against attacks by nomadic people. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. One of the most significant of the Liu clan Han emperors was Wang Mang. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. For the whole reign of the Han dynasty, the capital was situated in what is nowadays the city of Xian. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. After the Han dynasty had collapsed China was not again united into one single nation until the 18 th century. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. The rebels that fought the rule of Wang Mang could be identified by their painted red eyebrows. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Confucianism was a forbidden ideology for the whole of the Han dynasty. | <input type="checkbox"/> | <input type="checkbox"/> |

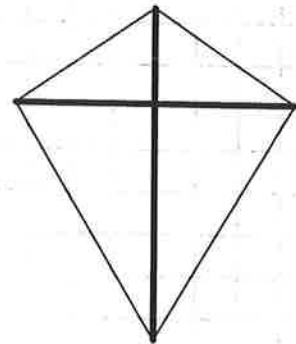
Problem 1



Answers

- a) _____
- b) _____
- c) _____

Problem 2



Answer



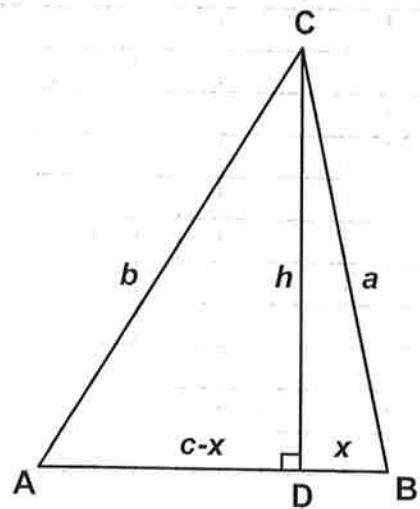
Problem 3

Answers

a) _____

b) _____

Problem 4



Answers

Problem 5

team	won	drawn	lost	goals for the team	goals against the team
A	1	1	1	1	1
B	3	0	0	6	1
C	1	1	1	1	3
D	0			1	4

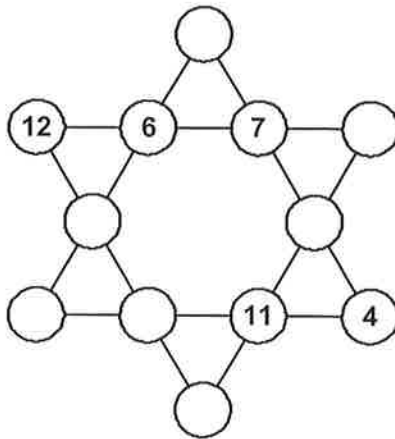
Answers

a)

b)

Problem 6

Answer by filling in the empty circles



Problem 7

Answers

a)

b)

c)

Problem 8

Solve only one of the problems 8A and 8B. If you solve both the inferior solution will be chosen as your answer.

Answers to problem 8A

a)

b)

Answers to problem 8B

a)

b)

c)

Problem 9 Solve only one of the problems 9A and 9B. If you solve both the inferior solution will be chosen as your answer.

Answer to 9A

Answers to 9B

a)

b)

Problem 10 Solve only one of the problems 10A and 10B. If you solve both the inferior solution will be chosen as your answer.

Answers to 10A

a)

b)

c)

Answers to 10B

a)

b)
