

SUPERVISOR

STATION 1

251

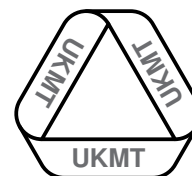
Ensure that the worksheet and any scrap paper are cleared away before the next team arrives.

**MARKS TO
AWARD**

6 correct solution
0 otherwise

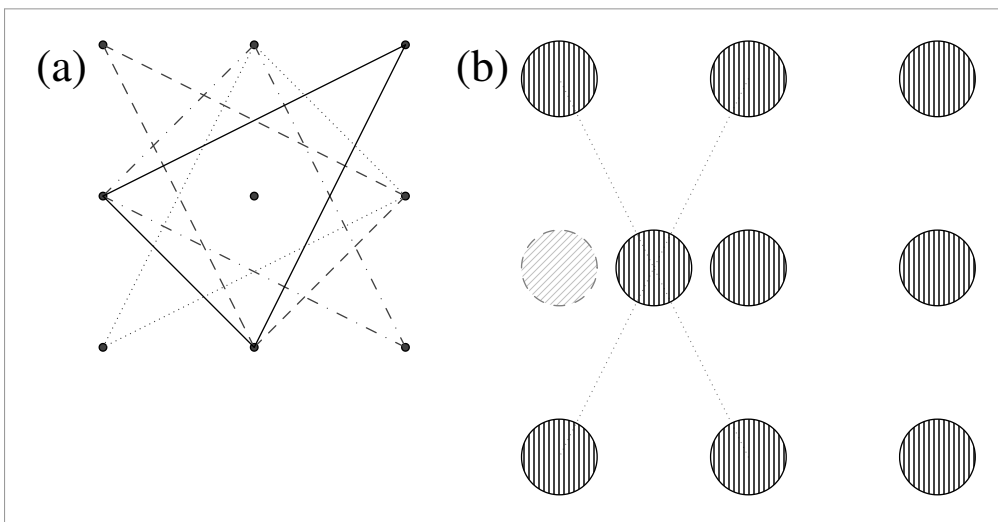
RESOURCES

Question paper
Worksheet



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STATION 2



- (a) There are 12 distinct lines in a correct solution.
- (b) There are other solutions as well as that shown.

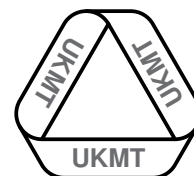
Ensure any evidence of each team's solutions and any scrap paper are cleared away before the next team arrives.

MARKS TO
AWARD

- 6** correct solution
- 3** one part correct
- 0** otherwise

RESOURCES

- Question paper
- Worksheet
- 30cm ruler
- Laminated grid
- Nine counters



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STATION 3

5102

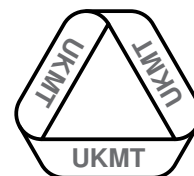
Ensure that the worksheet and any scrap paper are cleared away before the next team arrives.

**MARKS TO
AWARD**

6 correct solution
0 otherwise

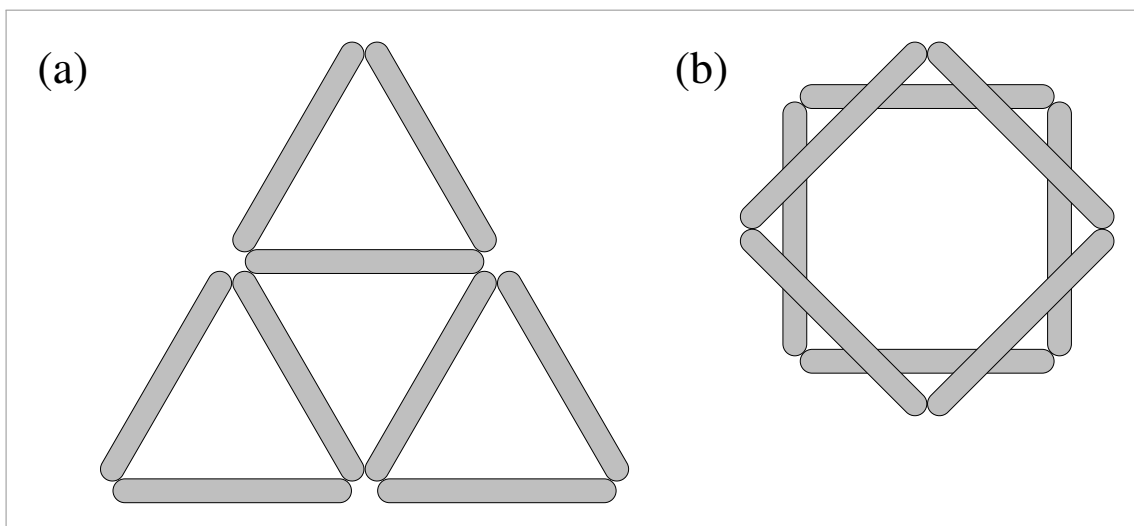
RESOURCES

Question paper
Worksheet



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STATION 4



Please check each team's figures closely and judge the award of marks, or otherwise, by eye.

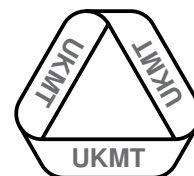
Ensure any evidence of each team's solutions and any scrap paper are cleared away before the next team arrives.

**MARKS TO
AWARD**

6 correct solution
3 one part correct
0 otherwise

RESOURCES

Question paper
Nine sticks

**SUPERVISOR****STATION 5**

(a) 140° , 160° (b) 144° , 156° (c) 108° , 162°

The cases may be given in any order. In each case, both angles need to be correct to award the marks.

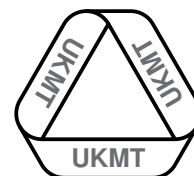
Ensure that the worksheet and any scrap paper used are cleared away before the next team arrives.

MARKS TO
AWARD

6 correct solution
4 two cases correct
2 one case correct
0 otherwise

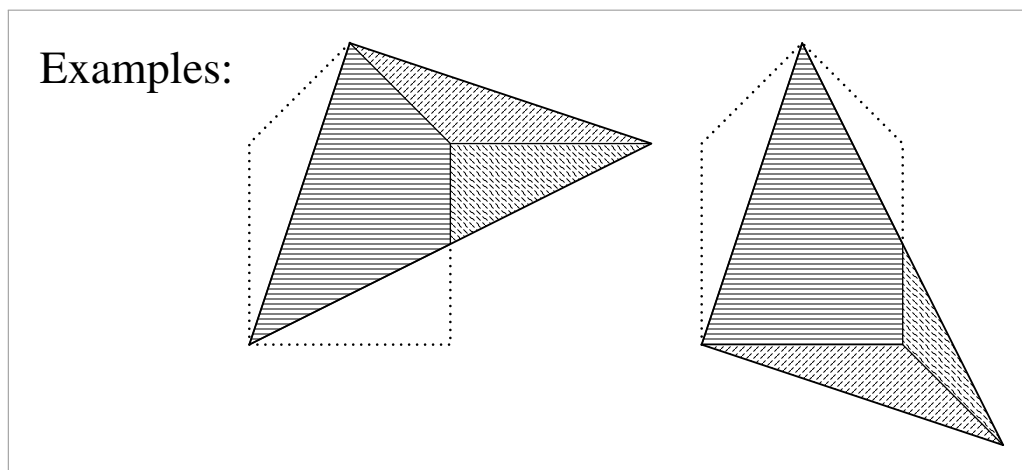
RESOURCES

Question paper
Worksheet



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STATION 6



Please check any proposed solution using a set square (for a right angle) and a ruler (for two equal sides).

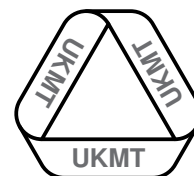
Ensure that any pieces of card and scrap paper are cleared away before the next team arrives.

MARKS TO
AWARD

6 correct solution
0 otherwise

RESOURCES

- Question paper
- Pentagon
- Scrap Paper
- Ruler
- Scissors
- Set square



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STATION 7

3 999 960

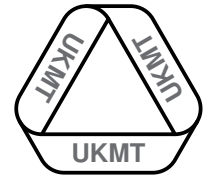
Ensure any evidence of each team's solution and any scrap paper are cleared away before the next team arrives.

MARKS TO
AWARD

6 correct solution
0 otherwise

RESOURCES

Question paper
Worksheet
Scrap paper

**SUPERVISOR****STATION 8****Three equal side totals**

Each of 17 , 19 , 20 , 21 and 23 are possible side totals. Please check each team's solution carefully by working out their total along each of the three sides.

Ensure any evidence of each team's solution and any scrap paper are cleared away before the next team arrives.

**MARKS TO
AWARD****6** correct solution
0 otherwise**RESOURCES**Question paper
Laminated triangle
Number cards 1-9
Scrap paper