

**SUPERVISOR**

**STATION 1**

7

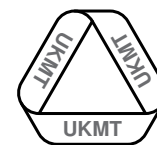
MARKS TO  
AWARD

**6** correct solution  
**0** otherwise

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

**RESOURCES**

Question paper  
Worksheet



**SUPERVISOR**

**STATION 2**

A2

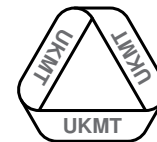
MARKS TO  
AWARD

**6** correct solution  
**0** otherwise

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

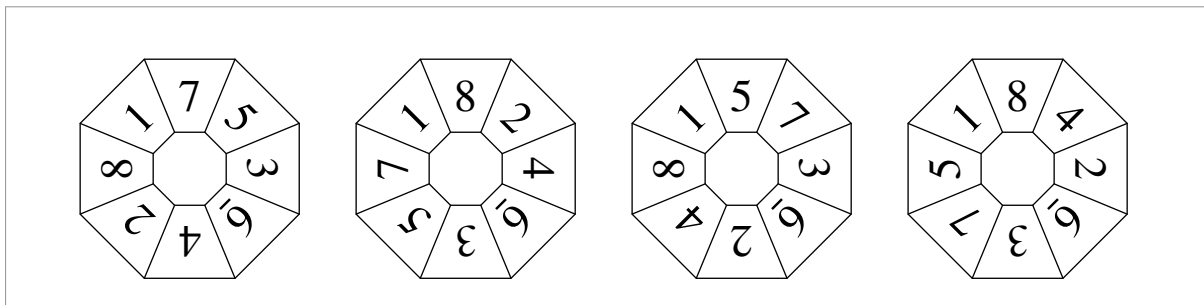
**RESOURCES**

Question paper  
Worksheet



**SUPERVISOR**

**STATION 3**

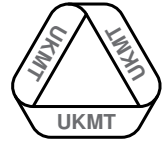


MARKS TO  
AWARD

**6** correct solution  
**0** otherwise

**RESOURCES**

- Question paper
- Laminated grid
- Number cards



**SUPERVISOR**

**STATION 4**

126 °

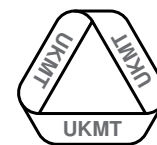
MARKS TO  
AWARD

**6** correct solution  
**0** otherwise

*Ensure any completed answer sheets and scrap paper are cleared away before the next team arrives.*

**RESOURCES**

Question paper  
Worksheet



**SUPERVISOR**

**STATION 5**

192 points

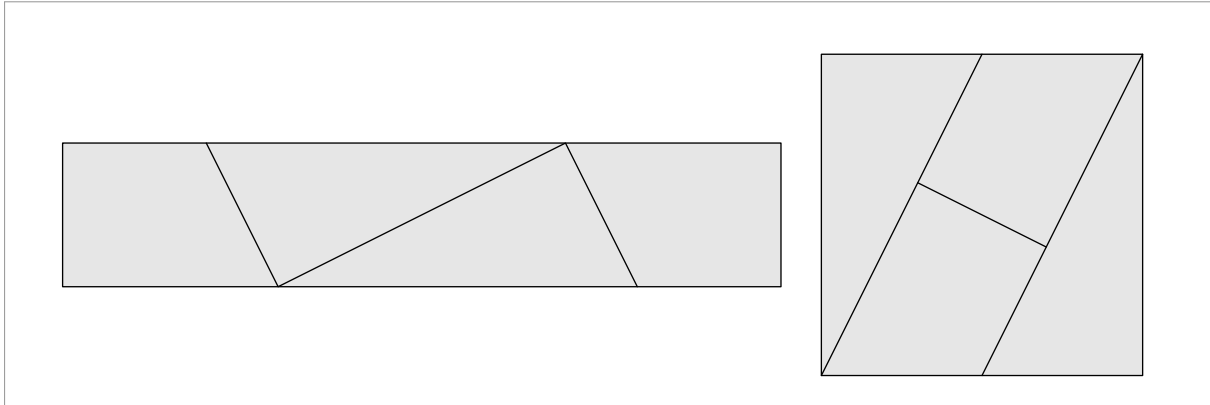
MARKS TO  
AWARD

**6** correct solution  
**0** otherwise

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

**RESOURCES**

Question paper  
Worksheet  
Scrap paper

**SUPERVISOR****STATION 6**

MARKS TO  
AWARD

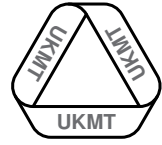
**6** correct solutions to both parts  
**3** only one part correct  
**0** otherwise

- (a) There is essentially only one solution, shown on the left above. A reflection of the arrangement shown is also a solution.
- (b) There is essentially only one solution, shown on the right above. A reflection of the arrangement shown is also a solution.

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

**RESOURCES**

Question paper  
Four pieces of red card  
Four pieces of blue card

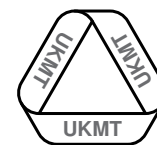
**SUPERVISOR****STATION 7**

$$123 - 45 - 67 + 89$$

MARKS TO  
AWARD**6** correct solution  
**0** otherwise

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

**RESOURCES**Question paper  
Worksheet  
Scrap paper



**SUPERVISOR**

**STATION 8**

10

MARKS TO  
AWARD

**6** correct solution  
**0** otherwise

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

**RESOURCES**

Question paper  
Worksheet  
Scrap paper