

# 2017 IWYMIC Answers

## Individual

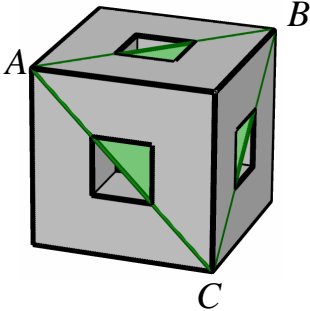
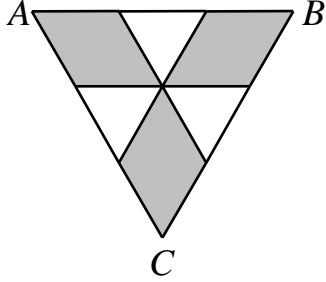
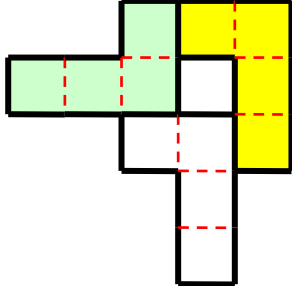
### Part I

|    |                 |     |     |     |                      |     |       |
|----|-----------------|-----|-----|-----|----------------------|-----|-------|
| 1. | $\frac{12}{23}$ | 2.  | 37  | 3.  | $4034(2 - \sqrt{3})$ | 4.  | 1     |
| 5. | $\sqrt{2}$      | 6.  | 567 | 7.  | 16                   | 8.  | 2 : 9 |
| 9. | 16              | 10. | 25° | 11. | 2                    | 12. | 19    |

### Part II

|    |    |    |     |    |         |
|----|----|----|-----|----|---------|
| 1. | 14 | 2. | 46° | 3. | 1356769 |
|----|----|----|-----|----|---------|

### Team

|     |   |  |   |
|-----|---|--|---|
| 1.  |  |  |   |
| 2.  | 314   | 3.   | $\frac{1 + \sqrt{5}}{2}$  |
| 4.  | (10, 10), (10, 6), (6, 10)  | 5.   | -903  |
| 6.  | Skip  | 7.   | 3   |
| 8.  | 4   | 9.   |  |
| 10. | 280   |  |   |