2011 EMIC Answers

Individual

| 1. | 2011 | 2. | 13 | 3. | 1342 | 4. | 4:20 | 5. | 205 |
|-----|------|-----|----|-----|------|-----|-------|-----|------|
| 6. | 146 | 7. | 15 | 8. | 40 | 9. | 645 | 10. | 4464 |
| 11. | 23 | 12. | 6 | 13. | 57° | 14. | 20503 | 15. | 4025 |

Team

Т

1

| 1. | The first pile consists of 324, 169, 121, 64, 16 and 9, the second pile consists of 256, 225, 144, 49, 25 and 4 and the third pile consists of 289, 196, 100, 81, 36 and 1. | | | | | | |
|-----|---|----|--|--|--|--|--|
| 2. | 240 | 3. | 72 | | | | |
| 4. | 72 | 5. | 1–2–3–8–10–4–7–9–6–11–5or 1–2–3–8–10–11–6–9–7–4–5 | | | | |
| 6. | 36 | 7. | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | |
| 8. | 529 | 9. | 340000 | | | | |
| 10. | | 5 | | | | | |