

HSCP Maths Mash-up #13
Solutions

1. **6**
2. **1800**
3. **15**
4. **45**
5. **8**
6. **70**
7. **triangles: 10**
rectangles: 15
8. **96%**
9. **65**
10. **3**
11. **6**
12. **5**
13. **4, 8**
14. **3**
15. **4**
(102,204,306,408)
16. **$\sqrt{2}$ (~1.414)**