# JHMT 2013 General Test 2
## SOLUTIONS

**Problem 1.** $5$

**Problem 2.** $9030$

**Problem 3.** $\frac{4\pi}{3} + \frac{\sqrt{3}}{2}$

**Problem 4.** $yY$

**Problem 5.** $\sqrt{13}$

**Problem 6.** $\dfrac{10}{11}$

**Problem 7.** $4$

**Problem 8.** $\frac{1}{2}$

**Problem 9.** $\dfrac{273}{16}$

**Problem 10.** $7$