1. A: $4\sqrt{3}$
   B: 12
   C: $\dfrac{16\pi}{3}$
   D: $\dfrac{4\pi}{3}$
   FINAL: 20

2. A: 210
   B: 10
   C: 16
   D: 25
   FINAL: 2,500

3. A: 16π
   B: 32π
   C: $16\pi + 16$
   D: 16
   FINAL: $64\pi + 32$

4. A: 52.5 or $\dfrac{105}{2}$
   B: 327.5 or $\dfrac{655}{2}$
   C: 127
   D: 185.5 or $\dfrac{371}{2}$
   FINAL: 692.5 or $\dfrac{1,385}{2}$

5. A: 2
   B: 8
   C: 12
   D: $2\sqrt{5}$
   FINAL: $192 + 2\sqrt{5}$

6. 1: True
   2: False
   3: True
   4: False
   5: True
   6: True
   FINAL: 9

7. A: 60
   B: 120
   C: 6
   FINAL: 1,200

8. A: $2^{2020}(3 + 2\sqrt{2})\pi$
   B: $2^{2020}(3 - 2\sqrt{2})\pi$
   C: 4
   D: $\sqrt{101} - 7$
   FINAL: $14 + 12\sqrt{2} + \sqrt{101}$

9. A: 907,200
   B: 60
   C: 24
   D: 0.275 or $\dfrac{11}{40}$
   FINAL: 15,186

10. A: 15
    B: $\sqrt{576 + 288\sqrt{2}}$
    C: $6\sqrt{5}$
    D: 28
    FINAL: $855 + 288\sqrt{2}$

11. A: $\dfrac{17}{3}$
    B: 11
    C: $\dfrac{5\sqrt{5}}{4}$
    FINAL: $\dfrac{935\sqrt{5}}{12}$

12. A: 10
    B: $50 + 50\sqrt{2}$
    C: 7.5 or $\dfrac{15}{2}$
    D: 56π
    FINAL: $95 + 56\pi + 50\sqrt{2}$

13. A: $\dfrac{\sqrt{2}}{2}$
    B: $\dfrac{\sqrt{2} - \sqrt{6}}{4}$
    C: -0.8
    D: $2\sqrt{6}$
    FINAL: $\dfrac{29\sqrt{6}}{20}$

14. A: 15,288
    B: 6
    C: 121
    FINAL: 14,562