

6) $\frac{1}{9}$

7) $\frac{5}{9}$

8) $\frac{1}{3}$

10) $\frac{ab}{pq}$

12) Yes. If the circles had radii of 2, 4, 6, 8, & 10, the area of the middle ring would be 20π and the area of the largest circle would be 100π

13) $\frac{9\pi}{160}$

14a) Number showing is odd is less likely

15) 9.8 ft & 4.2 ft

16) $x = 1$

1) 54

3) $\frac{221}{5}$

5) A statement that two ratios are equal

6a) 6.255 cm

6b) 627 km