FUN MATH KIDS

Easy

Sector Area and Arc Length True/False

Topic: Verify sector area and arc length T/F · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 8

Check each sector area or arc length, then mark the statement True or False.

1. The arc length of a sector with angle 30° and radius 7 is .1666666666666665À ☐ T ☐ F

2. The area of a sector with angle 120° and radius 4 is 7.333333333333333À ☐ T ☐ F

3. The area of a sector with angle 30° and radius 6 is 3À ☐ T ☐ F

4. The area of a sector with angle 30° and radius 3 is 0.75À ☐ T ☐ F

5. The area of a sector with angle 180° and radius 5 is 12.5À ☐ T ☐ F

6. The arc length of a sector with angle 60° and radius 5 is .6666666666666665À ☐ T ☐ F

7. The arc length of a sector with angle 90° and radius 3 is 1.5À ☐ T ☐ F

8. The area of a sector with angle 45° and radius 8 is 10À ☐ T ☐ F