

Name _____

Date _____

Arc Length and Radian Measure - Matching Worksheet

Write the letter of the answer that matches the problem.

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|-------|--|----------------|
| _____ | 1. Convert $5\pi/6$ radians to degrees. | a. $37\pi/90$ |
| _____ | 2. Convert 26° to radians. | b. 216° |
| _____ | 3. Convert $3\pi/5$ radians to degrees. | c. 240° |
| _____ | 4. Convert 74° to radians. | d. $41\pi/90$ |
| _____ | 5. Convert 82° to radians. | e. 150° |
| _____ | 6. Convert $3\pi/2$ radians to degrees. | f. 270° |
| _____ | 7. Convert $4\pi/3$ radians to degrees. | g. $91\pi/180$ |
| _____ | 8. Convert 38° to radians. | h. 108° |
| _____ | 9. Convert 91° to radians. | i. $13\pi/90$ |
| _____ | 10. Convert $6\pi/5$ radians to degrees. | j. $19\pi/90$ |

