

Trigonometry

Name: _____

Date: _____

Find the value and round your answer to four decimal places.

Part 1

1) $\operatorname{cosec} 34^{\circ}$

2) $\sec 67^{\circ}$

3) $\sec 89^{\circ}$

4) $\operatorname{cosec} 72^{\circ}$

5) $\cot 83^{\circ}$

6) $\operatorname{cosec} 29^{\circ}$

Part 2

1) $\operatorname{cosec} \frac{3\pi}{7}$

2) $\sec \frac{6\pi}{16}$

3) $\cot \frac{8\pi}{27}$

4) $\cot \frac{8\pi}{23}$

5) $\sec \frac{5\pi}{12}$

6) $\operatorname{cosec} \frac{7\pi}{17}$

Trigonometry

Name: _____

Date: _____

Find the value and round your answer to four decimal places.

Part 1

1) $\operatorname{cosec} 34^{\circ}$

1.7882

2) $\sec 67^{\circ}$

2.5593

3) $\sec 89^{\circ}$

57.2986

4) $\operatorname{cosec} 72^{\circ}$

1.0514

5) $\cot 83^{\circ}$

0.1227

6) $\operatorname{cosec} 29^{\circ}$

2.0626

Part 2

1) $\operatorname{cosec} \frac{3\pi}{7}$

1.0257

2) $\sec \frac{6\pi}{16}$

2.6131

3) $\cot \frac{8\pi}{27}$

0.7444

4) $\cot \frac{8\pi}{23}$

0.5181

5) $\sec \frac{5\pi}{12}$

3.8637

6) $\operatorname{cosec} \frac{7\pi}{17}$

1.0396