Name: _____

## F.TF.A.1: Radian Measure 4

1 Determine, to the *nearest minute*, the number of degrees in an angle whose measure is 2.5 radians.

2 Convert 3 radians to degrees and express the answer to the *nearest minute*.

3 Find, to the *nearest minute*, the angle whose measure is 3.45 radians.

4 Determine, to the *nearest minute*, the degree measure of an angle of $\frac{5}{11}\pi$ radians.

## F.TF.A.1: Radian Measure 4
## Answer Section

1 ANS:

$$2.5\left(\frac{180}{\pi}\right) = 143°14'$$

REF: 081528a2

2 ANS:

$$3 \times \frac{180}{\pi} \approx 171.89° \approx 171°53'$$

REF: 011335a2

3 ANS:

$$197°40'. \quad 3.45 \times \frac{180}{\pi} \approx 197°40'$$

REF: fall0931a2

4 ANS:

$$\frac{5\pi}{11}\left(\frac{180}{\pi}\right) \approx 81°49'$$

REF: 011531a2