Give the unsimplified exact answer by applying the law of cosines or the straight angle sum rule.
E.g. \( a = \sqrt{8^2 + 5^2 - 2(8)(5) \cos(2\pi/9)} \) or \( B = \pi - A - C \).

4b(6). \( a=33, \ b=7, \ c=37 \). Find \( \angle A, \angle B, \angle C \).
Exact answers only. Use the cosine law or straight angle sum rule.
An unsimplified exact answer for an angle might be of the form
\( A = \cos^{-1}\left[\frac{(20^2 + 5^2 - 12^2)(20)}{20}\right] \) or \( A = \pi - B - C \)

Unsimplified answers(3)
\( \angle A = \)
\( \angle C = \)
\( \angle B = \) write in terms of \( A \) and \( C \)

5b(4). Find the perimeter of a regular nine-sided polygon inscribed in a circle of radius 4cm.

1st find \( \theta \).
2nd find other two two triangle angles.
3rd find \( x \).
4th find the perimeter.

Unsimplified answer with units (2) Perimeter =

Show work here (2)