Divide and write the result in standard form.

$$\frac{5 - 5i}{6i}$$

Correct!

You said C:

$$-\frac{5}{6} - \frac{5}{6}i$$

The correct answer is C:

$$-\frac{5}{6} - \frac{5}{6}i$$

Correct answer explanation:

Rationalize the denominator:

$$\frac{5 - 5i}{6i} = \frac{5 - 5i}{6i} \cdot \frac{i}{i}$$

$$= \frac{i(5 - 5i)}{i(6i)}$$

$$= \frac{5i - 5i^2}{6i^2}$$

$$= \frac{5i - 5(-1)}{6(-1)}$$

$$= \frac{5i + 5}{-6}$$

Express in the standard form of a complex number:

$$= -\frac{5}{6} - \frac{5}{6}i$$