

You may have divided 10 by the 1 to simplify. However, 1 is not a factor, as it is being added to i . Treat the division as a fraction and rationalize the denominator:

$$\frac{10}{1+i} = \frac{10}{1+i} \cdot \frac{1-i}{1-i}$$

The correct answer is $5 - 5i$.