1. Write in terms of \( i \)
   Simplify your answer as much as possible.
   \[ \sqrt{-80} \]

2. Simplify the expressions below as much as possible.
   Leave no negative numbers under radicals and no radicals in denominators.
   \[ \frac{\sqrt{-48}}{\sqrt{-2}} = \]
   \[ \sqrt{144} \cdot \sqrt{-16} = \]

3. Add.
   \[ (4 - 2i) + (2 - 5i) \]
   Write your answer as a complex number in standard form.

\((-3 + 6i)(-4 + 3i)\)

Write your answer as a complex number in standard form.

5. Divide.

\(\frac{3i}{5 - 3i}\)

Write your answer as a complex number in standard form.

6. Simplify the complex number \(i^{53}\) as much as possible.