

3. 30 square root of -25 * 8 square root of -49

$$30 \times \sqrt{-25} \times 8 \times \sqrt{-49} = 30 \times 5i \times 8 \times 7i = -8400$$

4. 6 square root of -64 + 12 square root of -36

$$6 \times \sqrt{-64} + 12 \times \sqrt{-36} = 6 \times 8i + 12 \times 6i = 120i$$