

1.  $\sqrt{-192}$

2.  $7\sqrt{-294}$

3.  $(5 - \sqrt{-16}) - (6 + \sqrt{-49})$

4.  $(8 + 3i)^2$

5.  $(2 - 4i)(3 - 2i)$

6.  $(5 - 9i)(5 + 9i)$

ANSWERS

1.  $\sqrt{-192}$

$8i\sqrt{3}$

2.  $7\sqrt{-294}$

$49i\sqrt{6}$

3.  $(5 - \sqrt{-16}) - (6 + \sqrt{-49})$

$-1 - 11i$

4.  $(8 + 3i)^2$

$55 + 48i$

5.  $(2 - 4i)(3 - 2i)$

$-2 - 16i$

6.  $(5 - 9i)(5 + 9i)$

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