The expression $\frac{(i+2)}{i}$ is equivalent to which of the following?

a. 1
b. $1+2i$
c. $1-2i$
d. $i-2$

The expression $\frac{(i+8)}{i}$ is equivalent to which of the following?

a. $1+8i$
b. $i-8$
c. $1-8i$
d. 7

$i(i^5+7)-6=?$

a. $7i+1$
b. $-6+7i$
c. $1-7i$
d. $-7+7i$

$i(i^5+3)+9=?$

a. $3i+12$
b. $12-3i$
c. $8+3i$
d. $9+3i$

Which of the following is equivalent to $6i(-7i+9)-2(1-2i)$ in the form $a+bi$?

a. $44+50i$
b. $40+58i$
c. $-40+50i$
d. $-52-46i$

Which of the following is equivalent to $-7i(-2i+8)+5(-7-4i)$ in the form $a+bi$?

a. $21-36i$
b. $49-36i$
c. $-49-76i$
d. $91+34i$

Which of the following is equivalent to i^{78}?

a. -1
b. 1
c. $-i$
d. i

Which of the following is equivalent to i^{98}?

a. $-i$
b. -1
c. i
d. 1

Which of the following is the complex conjugate of $-10 - 4i$.

a. $-10 + 4i$
c. $10 - 4i$
b. $4 + 10i$
d. $10 + 4i$

Which of the following is the complex conjugate of $14 - 11i$.

a. $14 + 11i$
c. $-14 + 11i$
b. $-14 - 11i$
d. $11 - 14i$

Which of the following shows the solutions for $x^4 - 16x^2 - 80 = 0$?

a. $x = -2i,\ 2i,\ 2\sqrt{5}$, or $-2\sqrt{5}$
b. $x = -2,\ 2,\ 2\sqrt{5}$, or $-2\sqrt{5}$
c. $x = -2,\ 2,\ 2\sqrt{5i}$, or $-2\sqrt{5i}$
d. $x = -2i,\ 2i,\ 2\sqrt{5i}$, or $-2\sqrt{5i}$

Which of the following shows the solutions for $x^4 - 19x^2 - 20 = 0$?

a. $x = -1,\ 1,\ 2\sqrt{5}$, or $-2\sqrt{5}$
b. $x = -i,\ i,\ 2\sqrt{5}$, or $-2\sqrt{5}$
c. $x = -i,\ i,\ 2\sqrt{5i}$, or $-2\sqrt{5i}$
d. $x = -1,\ 1,\ 2\sqrt{5i}$, or $-2\sqrt{5i}$

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The expression $\frac{-7+2i}{-4+6i}$ is equivalent to which of the following?

a. $\frac{-40+34i}{52}$

b. $\frac{40-34i}{52}$

c. $\frac{-40-34i}{52}$

d. $\frac{40+34i}{52}$

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The expression $\frac{4+3i}{-4+8i}$ is equivalent to which of the following?

a. $\frac{8+44i}{80}$

b. $\frac{8-44i}{80}$

c. $\frac{-8-44i}{80}$

d. $\frac{-8+44i}{80}$

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The expression $(4+2i)(-1+5i)(2+4i)$ is equivalent to which of the following?

a. $-100-20i$

b. $-100+20i$

c. $100-20i$

d. $100+20i$

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The expression $(5-3i)(1+3i)(-4-4i)$ is equivalent to which of the following?

a. $-8-104i$

b. $8-104i$

c. $-8+104i$

d. $8+104i$

The expression $(7+8i)(9+7i^2)$ is equivalent to which of the following?

a. $14+16i$
c. $-14-16i$
b. $14-16i$
d. $-14+16i$

The expression $(6+9i)(3+6i^2)$ is equivalent to which of the following?

a. $18-27i$
c. $-18-27i$
b. $18+27i$
d. $-18+27i$

The expression $\frac{65+25i}{50}$ is equivalent to which of the following?

a. $\frac{-9+4i}{5+5i}$
c. $\frac{-9-4i}{-5-5i}$
b. $\frac{9-4i}{5-5i}$
d. $\frac{9+4i}{-5+5i}$

The expression $\frac{37-50i}{73}$ is equivalent to which of the following?

a. $\frac{7+2i}{3+8i}$
c. $\frac{7-2i}{-3-8i}$
b. $\frac{-7-2i}{3-8i}$
d. $\frac{-7+2i}{-3+8i}$

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The expression $-26 - 104i$ is equivalent to which of the following?

a. $(-1 + 5i)(1 + 4i)(1 + 5i)$
b. $(1 + 5i)(-1 + 4i)(1 + 5i)$
c. $(1 + 5i)(1 + 4i)(-1 + 5i)$
d. $(-1 + 5i)(-1 + 4i)(-1 + 5i)$

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The expression $34 + 62i$ is equivalent to which of the following?

a. $(-4 - 2i)(1 + 3i)(-4 + 3i)$
b. $(4 - 2i)(-1 + 3i)(-4 + 3i)$
c. $(4 - 2i)(1 + 3i)(4 + 3i)$
d. $(-4 - 2i)(-1 + 3i)(4 + 3i)$

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The expression $75 + 90i$ is equivalent to which of the following?

a. $(-5 - 6i)(-6 + 9i^2)$
b. $(5 - 6i)(-6 + 9i^2)$
c. $(5 - 6i)(6 + 9i^2)$
d. $(-5 - 6i)(6 + 9i^2)$

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The expression $(3 - 4i)(-2 - 9i^2) - 5$ is equivalent to which of the following?

a. $16 + 28i$
b. $16 - 28i$
c. $-16 - 28i$
d. $-16 + 28i$

The expression $(8-7i)(8-3i^2)+3$ is equivalent to which of the following?

a. $91+77i$
b. $-91+77i$
c. $91-77i$
d. $-91-77i$

The expression $(-5+5i)(1+4i)(-5-2i)+7$ is equivalent to which of the following?

a. $-102-125i$
b. $-102+125i$
c. $102-125i$
d. $102+125i$

The expression $(4-4i)(-4-2i)(-3-2i)-8$ is equivalent to which of the following?

a. $80+24i$
b. $-80-24i$
c. $80-24i$
d. $-80+24i$

The expression $(1-4i)(-2-5i^2)-4-9i$ is equivalent to which of the following?

a. $1-21i$
b. $1+21i$
c. $-1+21i$
d. $-1-21i$

The expression $(-7-5i)(-4-2i^2)+1+9i$ is equivalent to which of the following?

a. $-15+19i$
b. $-15-19i$
c. $15+19i$
d. $15-19i$

The expression $(-5-3i)(-4+2i)(1+5i)-2-7i$ is equivalent to which of the following?

a. $14-125i$
b. $-14+125i$
c. $14+125i$
d. $-14-125i$

The expression $(-1-5i)(1+2i)(3-5i)-7-9i$ is equivalent to which of the following?

a. $-15+75i$
b. $15+75i$
c. $-15-75i$
d. $15-75i$

The expression $(7i-5i^2)(9i-6i^2)$ is equivalent to which of the following?

a. $-33+87i$
b. $33+87i$
c. $-33-87i$
d. $33-87i$

The expression $(6i - 4i^2)(9i - 6i^2)$ is equivalent to which of the following?

a. $30 + 72i$
b. $-30 - 72i$
c. $-30 + 72i$
d. $30 - 72i$

Given $a = 2 + 2i$ and $b = 2 - 2i$, what is the product ab?

Given $a = -9 + 4i$ and $b = -9 - 4i$, what is the product ab?

Given $a = \sqrt{1} + 7i$ and $b = \sqrt{1} - 7i$, what is the product ab?

Given $a = \sqrt{6} + 9i$ and $b = \sqrt{6} - 9i$, what is the product ab?

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Given $a = \sqrt{6} + 9i$ and $b = \sqrt{6} - 9i$, what is the product ab?