

Complex Numbers**Divide**

1. $\frac{4 + 3i}{5 + 3i}$

2. $\frac{9 + i}{9 - i}$

3. $\frac{1 + i}{1 - i}$

4. $\frac{9 + 5i}{1 + i}$

5. $\frac{1 - 3i}{3 + i}$

6. $\frac{(3 - i)}{(-3 + i)}$

7. $\frac{(5i + 5)(-2i - 3)}{i - 2}$

8. $\left(\frac{3 - i}{2 + i}\right)^2$

9. $\frac{1 + i}{(2 - i)^2}$

10. $\left(\frac{(4 - 3i)}{(2 + i)}\right) + \left(\frac{(4 + 3i)}{(2 - i)}\right)$

Answers**Complex Numbers****Divide**

1. $\frac{29}{34} + \frac{3}{34}i$

2. $\frac{40}{41} + \frac{9}{41}i$

3. i

4. $7 - 2i$

5. $-i$

6. -1

7. $-3 + 11i$

8. $-2i$

9. $-\frac{1}{25} + i\frac{7}{25}$

10. 2