

# Complex Number 3

Classwork for 24<sup>th</sup> April

Complete the worksheet, take a photo and email it to [johnkennedy@brillantmont.ch](mailto:johnkennedy@brillantmont.ch)

Name.....

Simplify these expressions:

1. $\frac{(2+3i)}{(4+i)} =$	2. $\frac{(6+i)}{(1+4i)} =$
3. $\frac{(5+i)}{(3+i)} =$	4. $\frac{(7+i)}{(4-i)} =$
5. $\frac{(4-10i)}{(2+2i)} =$	6. $\frac{(5+5i)}{(5+5i)} =$

$$7. \frac{(8+i)}{(5-i)} =$$

$$8. \frac{(11-3i)}{(2-2i)} =$$

$$9. \frac{(9-11i)}{(2-3i)} =$$

$$10. \frac{(6+7i)}{(6-7i)} =$$