

Due in before 4th May.

Complete the worksheet, take a photo and email it to johnkennedy@brillantmont.ch

Name…………………………………………………………………

Draw these complex numbers on an Argand Diagram:



1. $z\_{1}=3+2i$
2. $z\_{2}=5+6i$
3. $z\_{3}=-2+2i$
4. $z\_{4}=-5+i$
5. $z\_{5}=-6i$



1. $z\_{6}=\frac{3}{2}+4i$
2. $z\_{7}=-\frac{5}{2}+\frac{2}{3}i$
3. $z\_{8}=-3-\frac{4}{5}i$
4. $z\_{9}=6(1+i)$
5. $z\_{10}=\frac{4+2i}{2}$
6. For these complex numbers, sketch the solution to each calculation on the Argand Diagrams provided.

$$z\_{1}=1+2i$$

$$z\_{2}=3-i$$

$z\_{3}=-2+2i$

$$z\_{4}=i$$

Draw these complex numbers on an Argand Diagram:



1. $z\_{1}+z\_{2}$
2. $z\_{1}-z\_{3}$
3. $z\_{2}+5z\_{4}$
4. $\left(z\_{1}\right)^{2}$
5. $z\_{2}z\_{4}$



1. $z\_{1}÷z\_{2}$
2. $z\_{2}+z\_{3}z\_{4}$
3. $(z\_{4})^{3}+z\_{3}$
4. $z\_{1}z\_{3}÷z\_{2}$
5. $z\_{4}÷z\_{1}$