**Complex numbers - worksheet**

**Group ……….**

**Simplify** $z\_{1}+z\_{2}$**;** $ z\_{1}\*z\_{2}$**;** $\frac{z\_{1}}{z\_{2}}$**; ;** $\frac{z\_{2}}{z\_{1}}$**;** $(z\_{2})^{2}$ **when:**

$z\_{1}=4-3i$ **and** $z\_{2}=1+2i$

**Answers:**

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

$$ z\_{1}\*z\_{2}=$$

$\frac{z\_{1}}{z\_{2}}=$

$$\frac{z\_{2}}{z\_{1}}=$$

$$(z\_{2})^{2}=$$