**2F Shading Regions on Argand Diagrams**

1. Shade on an Argand diagram the region indicated by:

$$\left|z-4-2i\right|\leq 2$$



$$\left|z-4\right|<\left|z-6\right|$$



$$0\leq arg\left(z-2-2i\right)\leq \frac{π}{4}$$

