

This is a text

$$x := 8 + 10 \cdot i$$

$$y := 5 - 4 \cdot i$$

$$\operatorname{Re}(x) = 8$$

$$\operatorname{Re}(y) = 5$$

$$A := 8 + 10 \cdot i$$

$$\operatorname{Im}(x) = 10$$

$$\operatorname{Im}(y) = -4$$

$$|x| = 12.8062$$

$$|y| = 6.4031$$

$$B := 5 - 4 \cdot i$$

$$\arg(x) = 0.8961$$

$$\arg(y) = -0.6747$$

$$|A| = 12.8062$$

$$x \cdot y = 80 + 18 \cdot i$$

$$|B| = 6.4031$$

$$\frac{x}{y} = 2 \cdot i$$

$$|x \cdot y| = 82$$

$$A \cdot B = 80 + 18 \cdot i$$

$$\left| \frac{x}{y} \right| = 2$$

$$\frac{A}{B} = 2 \cdot i$$

$$\arg(x \cdot y) \cdot \frac{180}{\pi} = 12.6804$$

$$\arg\left(\frac{x}{y}\right) \cdot \frac{180}{\pi} = 90$$