

## 14. Operaciones con números imaginarios

### 1. Resuelva

$$a) \left(5i + \frac{1}{2}i\right)^2 =$$

$$b) -2((3i + 0.5) - (7i + 6)) =$$

$$c) (6i) + \left(\frac{1}{2}i + \frac{1}{2}\right) =$$

$$d) (2i^7 + 3/4)^2 =$$

$$e) \left(2i + \frac{1}{3}\right)^3 =$$

$$f) \left(2i - \frac{2}{3}\right)^3 =$$

$$g) \frac{2}{3}i + \frac{3}{4} - \left(\frac{1}{4}i + \frac{1}{5}\right)^2 =$$

$$h) (\sqrt{-2^5})^5 =$$