

4. (a) Recalling that 2.54 cm equals 1 inch (exactly), we obtain

$$(0.80 \text{ cm}) \left(\frac{1 \text{ inch}}{2.54 \text{ cm}} \right) \left(\frac{6 \text{ picas}}{1 \text{ inch}} \right) \left(\frac{12 \text{ points}}{1 \text{ pica}} \right) \approx 23 \text{ points} ,$$

- (b) and

$$(0.80 \text{ cm}) \left(\frac{1 \text{ inch}}{2.54 \text{ cm}} \right) \left(\frac{6 \text{ picas}}{1 \text{ inch}} \right) \approx 1.9 \text{ picas} .$$