

Exercise 70

If an aspirin tablet contains 325 mg aspirin, how many grams of aspirin does it contain?

Solution

Convert milligrams to grams by multiplying by the appropriate conversion factor. Start with 325 mg, the given quantity.

$$325 \text{ mg} = 325 \cancel{\text{mg}} \times \frac{1 \text{ g}}{1000 \cancel{\text{mg}}} = 0.325 \text{ g}$$