The conversions to use between SI (metric) and Imperial systems for weight is:

$$1 \text{ kg} = 2.2 \text{ lb}$$
$$1 \text{ lb} = 454 \text{ g}$$
$$1 \text{ oz} = 28.35 \text{ g}$$

*see data book*

Ex. #1   Convert.

(a.)   6 lb = _____ kg

$$6 \text{ lb} \times \frac{1 \text{ kg}}{2.2 \text{ lb}} = \boxed{2.72 \text{ kg}}$$

(b.)   150 g = _____ oz

$$150 \text{ g} \times \frac{1 \text{ oz}}{28.35 \text{ g}} = \boxed{5.29 \text{ oz}}$$

Please do Assignment #7