



**Table 1.6** Common radioactive isotopes produced by fission of uranium-235.

Isotope	Half-life
iodine-131 ( $^{131}_{53}\text{I}$ )	8 days
krypton-85 ( $^{85}_{36}\text{Kr}$ )	10.7 days
strontium-90 ( $^{90}_{38}\text{Sr}$ )	28 years
caesium-137 ( $^{137}_{55}\text{Cs}$ )	30 years
cerium-142 ( $^{142}_{58}\text{Ce}$ )	$5 \times 10^5$ years
zirconium-93 ( $^{93}_{40}\text{Zr}$ )	$1.5 \times 10^6$ years
caesium-135 ( $^{135}_{55}\text{Cs}$ )	$2 \times 10^6$ years