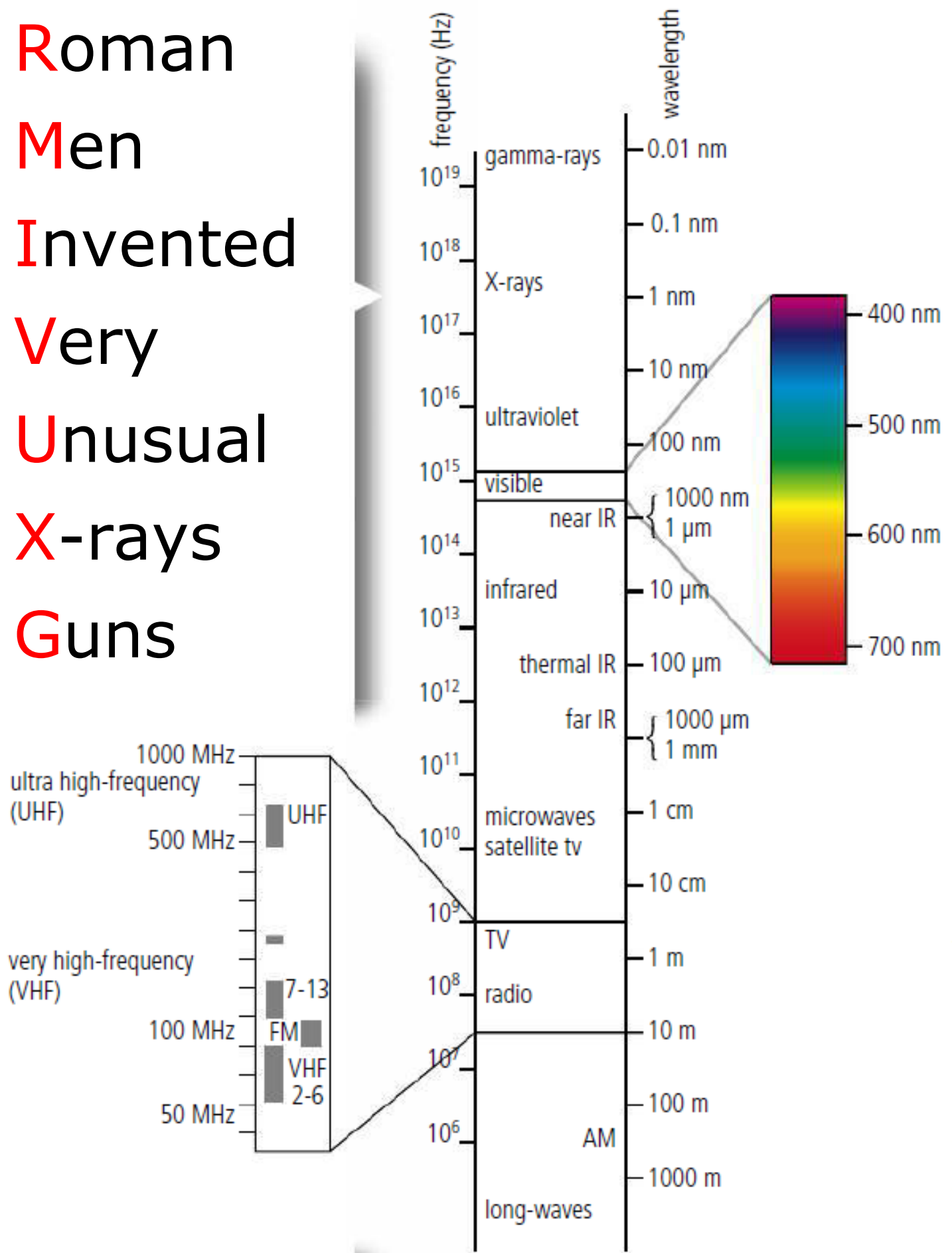


Roman Men Invented Very Unusual X-rays Guns





Exam tip

You must memorise the *seven* areas of the electromagnetic spectrum and their approximate wavelengths:

Wave name	Approximate wavelength
gamma-rays	$< 10^{-12} \text{ m}$
x-rays	1 nm - 1 pm
ultraviolet	400 nm - 1 nm
visible	750 nm - 400 nm
near-infrared	2.5 μm - 750 nm
infrared	25 μm - 2.5 μm
microwaves	1 mm - 25 μm
radio waves	$> 1 \text{ mm}$