



Math worksheet on 'Units - Metric Extended - Unit Name to Power of Ten (Level 1)'. Part of a broader unit on 'Scientific Notation Units - Intro'

Learn online: app.mobius.academy/math/units/scientific_notation_units_intro/

1 What is the equivalent power of ten for this unit prefix picometers	a 10^{-9} meters	b 10^{-8} meters
	c 10^{-12} meters	d 10^{-13} meters
	e 10^{-11} meters	f 10^{-10} meters

2 What is the equivalent power of ten for this unit prefix millimeters	a 10^{-3} meters	b 10^{-9} meters
	c 10^{-7} meters	d 10^{-6} meters
	e 10^1 meters	f 10^0 meters

3 What is the equivalent power of ten for this unit prefix micrograms	a 10^{-1} grams	b 10^{-3} grams
	c 10^{-7} grams	d 10^{-6} grams
	e 10^{-8} grams	f 10^{-12} grams

4 What is the equivalent power of ten for this unit prefix petaseconds	a 10^{12} seconds	b 10^{15} seconds
	c 10^{10} seconds	d 10^{14} seconds
	e 10^{13} seconds	f 10^{16} seconds

5 What is the equivalent power of ten for this unit prefix teragrams	a 10^{16} grams	b 10^{12} grams
	c 10^{13} grams	d 10^6 grams
	e 10^7 grams	f 10^8 grams

6 What is the equivalent power of ten for this unit prefix nanoseconds	a 10^{-6} seconds	b 10^{-7} seconds
	c 10^{-4} seconds	d 10^{-9} seconds
	e 10^{-11} seconds	f 10^{-12} seconds

7 What is the equivalent power of ten for this unit prefix kilometers	a 10^7 meters	b 10^6 meters
	c 10^3 meters	d 10^4 meters
	e 10^5 meters	f 10^{-2} meters