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

kiloamps

a 10^{3} amps	**b** 10^{6} amps
c 10^{2} amps	**d** 10^{4} amps
e 10^{1} amps	**f** 10^{0} amps

2 What is the equivalent power of ten for this unit prefix

picometers

a 10^{-9} meters	**b** 10^{-12} meters
c 10^{-11} meters	**d** 10^{-10} meters
e 10^{-13} meters	**f** 10^{-8} meters

3 What is the equivalent power of ten for this unit prefix

kilometers

a 10^{6} meters	**b** 10^{5} meters
c 10^{-2} meters	**d** 10^{7} meters
e 10^{4} meters	**f** 10^{3} meters

4 What is the equivalent power of ten for this unit prefix

milliseconds

a 10^{-9} seconds	**b** 10^{-2} seconds
c 10^{-3} seconds	**d** 10^{-4} seconds
e 10^{-5} seconds	**f** 10^{-8} seconds

5 What is the equivalent power of ten for this unit prefix

gigaamps

a 10^{7} amps	**b** 10^{9} amps
c 10^{3} amps	**d** 10^{8} amps
e 10^{6} amps	**f** 10^{14} amps

6 What is the equivalent power of ten for this unit prefix

petagrams

a 10^{14} grams	**b** 10^{13} grams
c 10^{11} grams	**d** 10^{15} grams
e 10^{16} grams	**f** 10^{10} grams

7 What is the equivalent power of ten for this unit prefix

megabytes

a 10^{11} bytes	**b** 10^{10} bytes
c 10^{7} bytes	**d** 10^{1} bytes
e 10^{6} bytes	**f** 10^{4} bytes