



Math worksheet on 'Units - Metric Core - Unit Name to Power of Ten (Level 2)'. Part of a broader unit on 'Scientific Notation Units - Intro'

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<b>1</b> What is the equivalent power of ten for this unit prefix  hectobytes	<b>a</b> $10^{-3}$ bytes	<b>b</b> $10^2$ bytes
	<b>c</b> $10^{-2}$ bytes	<b>d</b> $10^7$ bytes
	<b>e</b> $10^0$ bytes	<b>f</b> $10^4$ bytes

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

kilocandelas

<b>a</b> $10^0$ candelas	<b>b</b> $10^3$ candelas
<b>c</b> $10^7$ candelas	<b>d</b> $10^{-3}$ candelas
<b>e</b> $10^4$ candelas	<b>f</b> $10^8$ candelas

<b>3</b> What is the equivalent power of ten for this unit prefix  hectometers	<b>a</b> $10^0$ meters	<b>b</b> $10^{-1}$ meters
	<b>c</b> $10^6$ meters	<b>d</b> $10^4$ meters
	<b>e</b> $10^2$ meters	<b>f</b> $10^3$ meters

<b>4</b> What is the equivalent power of ten for this unit prefix  millijoules	<b>a</b> $10^{-8}$ joules	<b>b</b> $10^{-1}$ joules
	<b>c</b> $10^2$ joules	<b>d</b> $10^{-7}$ joules
	<b>e</b> $10^{-3}$ joules	<b>f</b> $10^{-2}$ joules

<b>5</b> What is the equivalent power of ten for this unit prefix  hectojoules	<b>a</b> $10^2$ joules	<b>b</b> $10^{-2}$ joules
	<b>c</b> $10^7$ joules	<b>d</b> $10^{-4}$ joules
	<b>e</b> $10^{-3}$ joules	<b>f</b> $10^4$ joules

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

hectoseconds

<b>a</b> $10^7$ seconds	<b>b</b> $10^5$ seconds
<b>c</b> $10^6$ seconds	<b>d</b> $10^2$ seconds
<b>e</b> $10^{-4}$ seconds	<b>f</b> $10^3$ seconds

<b>7</b> What is the equivalent power of ten for this unit prefix  kilometers	<b>a</b> $10^3$ meters	<b>b</b> $10^{-1}$ meters
	<b>c</b> $10^7$ meters	<b>d</b> $10^5$ meters
	<b>e</b> $10^4$ meters	<b>f</b> $10^2$ meters