

Math worksheet on 'Metric Units - Mneumonics in Table (Core) to Missing Exponent (Level 1)'. Part of a broader unit on 'Measurement - Units Intro - Metric'

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1 Each prefix in the mneumonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing exponent?			a 10 <sup>2</sup>	ь 10 <sup>1</sup>	° 10 <sup>0</sup>
King Henry	kilo hecto	10 <sup>3</sup>			
Died	deca	$10^1$	d	е	f
by Drinking Chocolate	(base) deci centi	$10^{0}$ $10^{-1}$ $10^{-2}$	$10^{-1}$	$10^{-2}$	$10^{-3}$
Milk	milli	$10^{-3}$			

<b>2</b> Each prefix in the mneumonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing exponent?			${f 10}^2$	ь 10 <sup>1</sup>	10 <sup>0</sup>
King Henry Died by Drinking Chocolate Milk	kilo hecto deca (base) deci centi milli	$10^{3}$ $10^{2}$ $10^{1}$ $10^{0}$ $10^{-1}$ $10^{-2}$ ?	$^{ extsf{d}}$ $10^{-1}$	$10^{-2}$	$10^{-3}$

3	Each prefix in the mneumonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing exponent?			a 10 <sup>2</sup>	ь 10 <sup>1</sup>	10 <sup>0</sup>
	King Henry Died by Drinking Chocolate Milk	kilo hecto deca (base) deci centi milli	$10^{3}$ $10^{2}$ $10^{1}$ $10^{0}$ $10^{-1}$ ? $10^{-3}$	$^{ extsf{d}}$	$10^{-2}$	$10^{-3}$

4 Each prefix ir 'King Henry I Chocolate Mil What is the m	inking maller.	a 10 <sup>3</sup>	ь 10 <sup>1</sup>	10 <sup>0</sup>	
King Henry Died by Drinking Chocolate Milk	kilo hecto deca (base) deci centi milli	? $10^2$ $10^1$ $10^0$ $10^{-1}$ $10^{-2}$ $10^{-3}$	$^{ m d}$ $10^{-1}$	$\mathbf{e}$ $10^{-2}$	$10^{-3}$

<b>5</b> Each prefix in 'King Henry I Chocolate Mil What is the m	Died by Dri k' is 10x si	inking maller.	a 10 <sup>2</sup>	10 <sup>1</sup>	10 <sup>0</sup>
King Henry Died by Drinking Chocolate Milk	kilo hecto deca (base) deci centi milli	$10^{3}$ $10^{2}$ $10^{1}$ ? $10^{-1}$ $10^{-2}$ $10^{-3}$	$^{ extsf{d}}$ $10^{-1}$	$\mathbf{e}$ $10^{-2}$	$10^{-3}$

'King Henry I Chocolate Mil	Each prefix in the mneumonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing exponent?			ь 10 <sup>1</sup>	10 <sup>0</sup>
King Henry Died by Drinking Chocolate Milk	kilo hecto deca (base) deci centi milli	10 <sup>3</sup> 10 <sup>2</sup> 10 <sup>1</sup> 10 <sup>0</sup> ? 10 <sup>-2</sup> 10 <sup>-3</sup>	$^{ extsf{d}}$	$10^{-2}$	$10^{-3}$

7 Each prefix in the mneumonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing exponent?			a 10 <sup>2</sup>	10 <sup>1</sup>	10 <sup>0</sup>
King Henry Died by Drinking Chocolate Milk	kilo hecto deca (base) deci centi milli	$10^{3}$ $10^{2}$ ? $10^{0}$ $10^{-1}$ $10^{-2}$ $10^{-3}$	$^{ extsf{d}}$ $10^{-1}$	$10^{-2}$	$10^{-3}$