



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

Learn online: [app.mobius.academy/math/units/measurement\\_unit\\_intro\\_metric/](http://app.mobius.academy/math/units/measurement_unit_intro_metric/)

**1** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
0.001	1	100
<b>d</b>	<b>e</b>	<b>f</b>
0.1	0.01	10

King	kilo	1000
Henry	hecto	100
Died	deca	?
by	(base)	1
Drinking	deci	0.1
Chocolate	centi	0.01
Milk	milli	0.001

**2** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
0.01	1	100
<b>d</b>	<b>e</b>	<b>f</b>
0.1	0.001	10

King	kilo	1000
Henry	hecto	100
Died	deca	10
by	(base)	?
Drinking	deci	0.1
Chocolate	centi	0.01
Milk	milli	0.001

**3** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
10	0.001	0.01
<b>d</b>	<b>e</b>	<b>f</b>
100	0.1	1

King	kilo	1000
Henry	hecto	100
Died	deca	10
by	(base)	1
Drinking	deci	0.1
Chocolate	centi	?
Milk	milli	0.001

**4** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
0.001	1	0.01
<b>d</b>	<b>e</b>	<b>f</b>
1,000	0.1	10

King	kilo	?
Henry	hecto	100
Died	deca	10
by	(base)	1
Drinking	deci	0.1
Chocolate	centi	0.01
Milk	milli	0.001

**5** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
10	0.01	0.001
<b>d</b>	<b>e</b>	<b>f</b>
100	1	0.1

King	kilo	1000
Henry	hecto	?
Died	deca	10
by	(base)	1
Drinking	deci	0.1
Chocolate	centi	0.01
Milk	milli	0.001

**6** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
1	100	10
<b>d</b>	<b>e</b>	<b>f</b>
0.001	0.01	0.1

King	kilo	1000
Henry	hecto	100
Died	deca	10
by	(base)	1
Drinking	deci	0.1
Chocolate	centi	0.01
Milk	milli	?

**7** Each prefix in the mnemonic 'King Henry Died by Drinking Chocolate Milk' is 10x smaller. What is the missing factor?

<b>a</b>	<b>b</b>	<b>c</b>
0.01	0.1	0.001
<b>d</b>	<b>e</b>	<b>f</b>
10	100	1

King	kilo	1000
Henry	hecto	100
Died	deca	10
by	(base)	1
Drinking	deci	?
Chocolate	centi	0.01
Milk	milli	0.001