



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

Learn online:

app.mobius.academy/math/units/measurement_unit_large_small_intro_metric/

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|--|-----------|----------|----------|
| 1 Each prefix in the mnemonic 'Terribly Gigantic Monsters Killed One Million Men Napping Peacefully' is 1000x smaller. What is the missing exponent? Terribly <small>tera</small> $10^?$ Gigantic <small>giga</small> 10^9 Monsters <small>mega</small> 10^6 Killed <small>kilo</small> $?$ One <small>(base)</small> 10^0 Million <small>milli</small> 10^{-3} Men <small>micro</small> 10^{-6} Napping <small>nano</small> 10^{-9} Peacefully <small>pico</small> 10^{-12} | a | b | c |
| | 10^{-3} | 10^6 | 10^3 |
| | d | e | f |
| | 10^{12} | 10^0 | 10^9 |

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|--|----------|-----------|----------|
| 2 Each prefix in the mnemonic 'Terribly Gigantic Monsters Killed One Million Men Napping Peacefully' is 1000x smaller. What is the missing exponent? Terribly <small>tera</small> $10^?$ Gigantic <small>giga</small> 10^9 Monsters <small>mega</small> $?$ Killed <small>kilo</small> 10^3 One <small>(base)</small> 10^0 Million <small>milli</small> 10^{-3} Men <small>micro</small> 10^{-6} Napping <small>nano</small> 10^{-9} Peacefully <small>pico</small> 10^{-12} | a | b | c |
| | 10^0 | 10^{12} | 10^9 |
| | d | e | f |
| | 10^6 | 10^{-3} | 10^3 |

| | | | |
|--|----------|-----------|-----------|
| 3 Each prefix in the mnemonic 'Terribly Gigantic Monsters Killed One Million Men Napping Peacefully' is 1000x smaller. What is the missing exponent? Terribly <small>tera</small> $10^?$ Gigantic <small>giga</small> $?$ Monsters <small>mega</small> 10^6 Killed <small>kilo</small> 10^3 One <small>(base)</small> 10^0 Million <small>milli</small> 10^{-3} Men <small>micro</small> 10^{-6} Napping <small>nano</small> 10^{-9} Peacefully <small>pico</small> 10^{-12} | a | b | c |
| | 10^3 | 10^{-3} | 10^{12} |
| | d | e | f |
| | 10^9 | 10^0 | 10^6 |

| | | | |
|---|-----------|-----------|----------|
| 4 Each prefix in the mnemonic 'Terribly Gigantic Monsters Killed One Million Men Napping Peacefully' is 1000x smaller. What is the missing exponent? Terribly <small>tera</small> $10^?$ Gigantic <small>giga</small> 10^9 Monsters <small>mega</small> 10^6 Killed <small>kilo</small> 10^3 One <small>(base)</small> 10^0 Million <small>milli</small> $?$ Men <small>micro</small> 10^{-6} Napping <small>nano</small> 10^{-9} Peacefully <small>pico</small> 10^{-12} | a | b | c |
| | 10^0 | 10^9 | 10^6 |
| | d | e | f |
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| 5 Each prefix in the mnemonic 'Terribly Gigantic Monsters Killed One Million Men Napping Peacefully' is 1000x smaller. What is the missing exponent? Terribly <small>tera</small> $10^?$ Gigantic <small>giga</small> 10^9 Monsters <small>mega</small> 10^6 Killed <small>kilo</small> 10^3 One <small>(base)</small> 10^0 Million <small>milli</small> 10^{-3} Men <small>micro</small> 10^{-6} Napping <small>nano</small> 10^{-9} Peacefully <small>pico</small> $?$ | a | b | c |
| | 10^6 | 10^{-12} | 10^0 |
| | d | e | f |
| | 10^9 | 10^{12} | 10^3 |

| | | | |
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| | 10^6 | 10^0 | 10^3 |
| | d | e | f |
| | 10^{12} | 10^9 | 10^{-9} |

| | | | |
|---|----------|-----------|-----------|
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| | 10^0 | 10^{-6} | 10^6 |
| | d | e | f |
| | 10^9 | 10^3 | 10^{12} |