



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

Learn online:

app.mobius.academy/math/units/measurement_unit_large_small_advanced_metric/

1 Each prefix in the mnemonic 'Young Zoe Earns Pennies To Get Marbles' is 1000x smaller. What is the missing exponent?

| | | |
|---------|-------|-----------|
| Young | yotta | 10^{24} |
| Zoe | zetta | 10^{21} |
| Earns | exa | 10^{18} |
| Pennies | peta | 10^{15} |
| To | tera | 10^{12} |
| Get | giga | ? |
| Marbles | mega | 10^6 |

| | | |
|-----------|-----------|-----------|
| a | b | c |
| 10^{24} | 10^{21} | 10^{18} |
| d | e | f |
| 10^{15} | 10^{12} | 10^9 |

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| Get | giga | 10^9 |
| Marbles | mega | ? |

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