Mobius Math Club

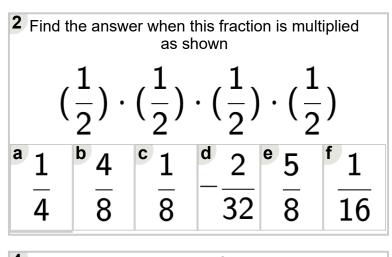
Name:

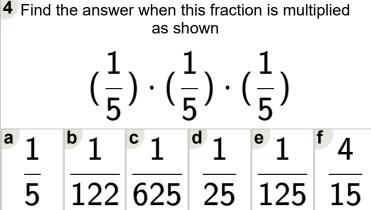


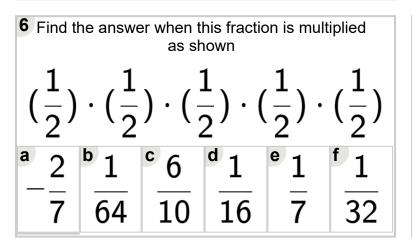
Math worksheet on 'Exponents - Unit Fraction Base (Expanded) (Level 3)'. Part of a broader unit on 'Exponents - Fractional Bases and Exponents - Intro'

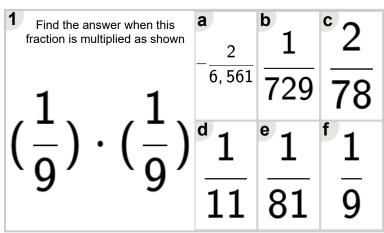
Learn online:

app.mobius.academy/math/units/exponents fractional bases and exponents intro/

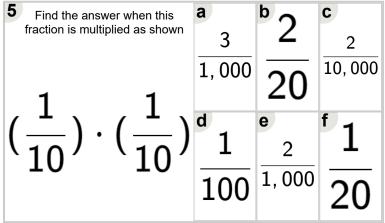








| <b>3</b> Find the answer when this fraction is multiplied as shown |                |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|
| $(\frac{1}{6})\cdot(\frac{1}{6})\cdot(\frac{1}{6})$                |                |                |                |                |                |
| <b>a</b><br>4  | <sup>b</sup> 1 | <sup>c</sup> 4 | <sup>d</sup> 1 | <sup>e</sup> 1 | <sup>f</sup> 2 |
| 1,296  | 216            | 6              | 36             | 213            | _ <u>6</u>     |



7 Find the answer when this fraction is multiplied as shown  $\left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)$ a 1 b 4 c 1 d 1 e 1 f 4 27 243 7 12 81 f 27

©<u>Mobius Math</u> <u>Club</u>