



Math worksheet on 'Exponents - Simplified Form (Level 2)'. Part of a broader unit on 'Exponents - Intro'

Learn online: app.mobius.academy/math/units/exponents_intro/

1 Find the simplified form of this number raised to its exponent

$$8 \times 8 \times 8$$

- | | | | | | |
|--------|-------|-------|--------|--------------|-------|
| a | b | c | d | e | f |
| 12^4 | 8^3 | 3^8 | 10^6 | 8×3 | 8^2 |

2 Find the simplified form of this number raised to its exponent

$$4 \times 4 \times 4 \times 4$$

- | | | | | | |
|-------|-------|--------------|-------|-------|-------|
| a | b | c | d | e | f |
| 4^5 | 7^7 | 4×4 | 4^3 | 4^4 | 7^6 |

3 Find the simplified form of this number raised to its exponent

$$3 \times 3 \times 3 \times 3 \times 3$$

- | | | | | | |
|-------|--------------|-------|-------|-------|-------|
| a | b | c | d | e | f |
| 4^9 | 3×5 | 3^4 | 5^8 | 3^5 | 3^6 |

4 Find the simplified form of this number raised to its exponent

$$2 \times 2 \times 2 \times 2$$

- | | | | | | |
|-------|-------|-------|-------|--------------|-------|
| a | b | c | d | e | f |
| 2^4 | 4^2 | 4^6 | 6^8 | 2×4 | 2^3 |

5 Find the simplified form of this number raised to its exponent

$$9 \times 9$$

- | | | |
|--------------|--------|--------|
| a | b | c |
| 9×2 | 9^2 | 13^6 |
| d | e | f |
| 13^3 | 10^6 | 9^3 |

6 Find the simplified form of this number raised to its exponent

$$6 \times 6$$

- | | | |
|-------|--------------|-------|
| a | b | c |
| 9^5 | 6^2 | 9^4 |
| d | e | f |
| 2^6 | 6×2 | 6^3 |

7 Find the simplified form of this number raised to its exponent

$$7 \times 7 \times 7 \times 7 \times 7$$

- | | | | | | |
|--------|-------|-------|-------|--------------|-------|
| a | b | c | d | e | f |
| 10^6 | 7^5 | 8^8 | 7^4 | 7×5 | 5^7 |