



Math worksheet on 'Exponents - Multiplication - Positive by Negative to Negative (Level 1)'. Part of a broader unit on 'Exponents - Multiplication - Intro'

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

2 Find the answer when these terms are multiplied

$$(y^1) \cdot (y^{-4})$$

- | | | | | | |
|-------|----------|-----|-------|-------|-------|
| a | b | c | d | e | f |
| y^0 | y^{-3} | y | y^6 | y^7 | y^4 |

1 Find the answer when these terms are multiplied

$$(x^3) \cdot (x^{-5})$$

- | | | | | | |
|----------|----------|-----|-------|-------|----------|
| a | b | c | d | e | f |
| x^{-2} | x^{-3} | x | x^8 | x^4 | x^{-6} |

3 Find the answer when these terms are multiplied

$$(c^2) \cdot (c^{-5})$$

- | | | | | | |
|-----------|----------|-------|----------|-------|----------|
| a | b | c | d | e | f |
| c^{-10} | c^{-6} | c^5 | c^{-3} | c^0 | c^{-5} |

4 Find the answer when these terms are multiplied

$$(x^4) \cdot (x^{-5})$$

- | | | | | | |
|-------|-----------|----------|-------|-------|----------|
| a | b | c | d | e | f |
| x^4 | x^{-10} | x^{-3} | x^8 | x^5 | x^{-1} |

5 Find the answer when these terms are multiplied

$$(y^3) \cdot (y^{-4})$$

- | | | | | | |
|----------|-----------|----------|-------|-------|----------|
| a | b | c | d | e | f |
| y^{-1} | y^{-10} | y^{-3} | y^7 | y^8 | y^{-7} |

6 Find the answer when these terms are multiplied

$$(b^4) \cdot (b^{-5})$$

- | | | | | | |
|-----------|----------|-------|----------|-------|----------|
| a | b | c | d | e | f |
| b^{-10} | b^{-1} | b^4 | b^{-4} | b^0 | b^{-7} |

7 Find the answer when these terms are multiplied

$$(z^4) \cdot (z^{-5})$$

- | | | | | | |
|----------|-----------|-------|----------|-------|-------|
| a | b | c | d | e | f |
| z^{-7} | z^{-10} | z^0 | z^{-1} | z^7 | z^2 |