

Student Name: _____

Score: _____

Power Rule Worksheet

Sheet 3

Rewrite the following as single exponent using power rule:

Work Space

Example: $(a^4)^5 = a^{4 \times 5} = a^{20}$

$(z^6)^1 =$ _____

$(m^2)^9 =$ _____

$(j^3)^6 =$ _____

$(y^0)^4 =$ _____

$(b^4)^8 =$ _____

$(b^{10})^2 =$ _____

$(x^{12})^3 =$ _____

$(q^1)^7 =$ _____

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet. **Log in**

Not a member? Please sign up to gain complete access. **Sign up**

www.mathworksheets4kids.com

Student Name: _____

Score: _____

Answer key

Power Rule Worksheet

Sheet 3

$$(z^6)^1 = z^6$$

$$(m^2)^9 = m^{18}$$

$$(j^3)^6 = j^{18}$$

$$(y^0)^4 = y^0$$

$$(b^4)^8 = b^{32}$$

$$(b^{10})^2 = b^{20}$$

$$(x^{12})^3 = x^{36}$$

$$(q^1)^7 = q^7$$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com