

#1

Write the expressions using exponents.

$$27 \times 27 \times 27 \times 27 \times 27 = 27^{\boxed{}}$$

Show your work

#2

Write the expressions using exponents.

$$18 \times 29 = 18^w 29^x$$

- $w = 2, x = 2$ $w = 4, x = 3$
 $w = 1, x = 1$ $w = 3, x = 4$

Show your work

#3

Write the expressions using exponents.

$$12 \times 12 \times 17 \times 17 = 12^w 17^x$$

- $w = 5, x = 1$ $w = 3, x = 5$
 $w = 1, x = 4$ $w = 2, x = 2$

Show your work

#4

Write the expressions using exponents. Enter a number in every blank.

$$5 \times 5 \times 5 \times 38 = 5 \square \times 38 \square$$

Show your work

#5

Write the expressions using exponents.

$$19 = 19 \square$$

Show your work

#6

Write the expressions using exponents.

$$18 \times 18 \times 18 \times 18 = 18^w$$

$w = 4$

$w = 1$

$w = 2$

$w = 3$

Show your work

#7

Write the expressions using exponents.

$$15 \times 15 = 15^w$$

$w = 2$

$w = 1$

$w = 5$

$w = 3$

Show your work

#8

Write the expressions using exponents.

$$17 \times 17 \times 17 = 17^w$$

$w = 2$

$w = 1$

$w = 5$

$w = 3$

Show your work

#9

Write the expressions using exponents.

$$41 \times 41 \times 41 \times 41 = 41^{\boxed{}}$$

Show your work

#10

Write the expressions using exponents.

$$28 \times 28 \times 28 \times 43 = 28^w 43^x$$

$w = 4, x = 4$

$w = 5, x = 3$

$w = 3, x = 1$

$w = 2, x = 2$

Show your work

#11

Write the expressions using exponents. Enter a number in every blank.

$$11 \times 11 \times 35 = 11 \square \times 35 \square$$

Show your work

#12

Write the expressions using exponents.

$$48 = 48 \square$$

Show your work

Question	Answer
#1	5
#2	choice 3
#3	choice 4
#4	3, 1
#5	1
#6	choice 1
#7	choice 1
#8	choice 4
#9	4
#10	choice 3
#11	2, 1
#12	1