

#1

Write the expressions using exponents.

$$26 \times 26 \times 31 \times 31 = 26^w 31^x$$

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

Show your work

#2

Write the expressions using exponents.

$$12 \times 12 \times 12 = 12^w$$

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

Show your work

#3

Write the expressions using exponents.

$$20 \times 20 \times 22 \times 22 = 20^w 22^x$$

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

Show your work

#4

Write the expressions using exponents.

$$25 \times 25 \times 16 \times 16 \times 16 = 25^w 16^x$$

$w = 4, x = 1$

$w = 2, x = 3$

$w = 1, x = 4$

$w = 3, x = 2$

Show your work

#5

Write the expressions using exponents.

$$32 \times 32 \times 32 = 32^w$$

$w = 2$

$w = 3$

$w = 1$

$w = 5$

Show your work

#6

Write the expressions using exponents.

$$39 \times 39 = 39 \boxed{}$$

Show your work

#7

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

$$48 \times 48 \times 48 \times 25 \times 25 = 48^{\square} \times 25^{\square}$$

Show your work

#8

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

$$7 \times 36 = 7^{\square} \times 36^{\square}$$

Show your work

#9

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

$$9 \times 25 = 9^{\square} \times 25^{\square}$$

Show your work

#10

Write the expressions using exponents.

$$21 \times 21 \times 21 = 21 \square$$

Show your work

#11

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

$$22 \times 42 \times 42 \times 42 = 22 \square \times 42 \square$$

Show your work

#12

Write the expressions using exponents.

$$34 \times 1 \times 1 = 34^w 1^x$$

$w = 1, x = 2$

$w = 4, x = 3$

$w = 2, x = 5$

$w = 3, x = 1$

Show your work

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