

#1

Simplify. Express your answer as a single term.

$$s^8 \times s^5 \times s^{10}$$

$s^{23}$

$s^{400}$

$s^{-23}$

$s^{-7}$

Show your work

#2

Simplify. Express your answer as a single term.

$$\frac{s^5}{s^8 \times s^7}$$

$s^{-9}$

$s^{20}$

$s^{10}$

$s^{-10}$

Show your work

#3

Simplify. Express your answer as a single term.

$$\frac{a^8}{a^2 \times a^9} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

Show your work

#4

Simplify. Express your answer as a single term.

$$\frac{z^1 \times z^{10}}{z^6} = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#5

Simplify. Express your answer as a single term.

$$\frac{p^5}{p^5 \times p^1}$$

$p^0$

$p^{11}$

$p^{-1}$

$p^1$

Show your work

#6

Simplify. Express your answer as a single term.

$$\frac{t^5}{t^8 \times t^5}$$

$t^8$

$t^{18}$

$t^{-7}$

$t^{-8}$

Show your work

#7

Simplify. Express your answer as a single term.

$$\frac{p^1 \times p^6}{p^9} = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#8

Simplify. Express your answer as a single term.

$$\frac{w^9 \times w^6}{w^2} = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#9

Simplify. Express your answer as a single term.

$$f^8 \times f^6 \times f^5$$

$f^{19}$

$f^{-19}$

$f^{240}$

$f^{-3}$

Show your work

#10

Simplify. Express your answer as a single term.

$$\frac{h^8}{h^6 \times h^4} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

Show your work

#11

Simplify. Express your answer as a single term.

$$k^8 \times k^6 \times k^7 = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

Show your work

#12

Simplify. Express your answer as a single term.

$$\frac{b^5 \times b^{10}}{b^8} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

Show your work

Question	Answer
#1	choice 1
#2	choice 4
#3	a, -3
#4	z, 5
#5	choice 3
#6	choice 4
#7	p, -2
#8	w, 13
#9	choice 1
#10	h, -2
#11	k, 21
#12	b, 7