

#1

Simplify. Express your answer as a single term.

$$(g^5)^8 = \boxed{\phantom{000}} \boxed{\phantom{00}}$$

Show your work

#2

Simplify. Express your answer as a single term.

$$(o^{10})^5 = \boxed{\phantom{000}} \boxed{\phantom{00}}$$

Show your work

#3

Simplify. Express your answer as a single term.

$$(v^1)^8$$

$v^{-9}$

$v^8$

$v^{-8}$

$v^9$

Show your work

#4

Simplify. Express your answer as a single term.

$$(o^3)^{10}$$

$o^{-13}$

$o^{-30}$

$o^{30}$

$o^{13}$

Show your work

#5

Simplify. Express your answer as a single term.

$$(u^4)^9$$

$u^{-13}$

$u^{36}$

$u^{13}$

$u^{-36}$

Show your work

#6

Simplify. Express your answer as a single term.

$$(q^8)^{10} = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#7

Simplify. Express your answer as a single term.

$$(r^4)^8$$

$r^{12}$

$r^{-12}$

$r^{-32}$

$r^{32}$

Show your work

#8

Simplify. Express your answer as a single term.

$$(u^7)^2 = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#9

Simplify. Express your answer as a single term.

$$(i^2)^2 = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#10

Simplify. Express your answer as a single term.

$$(h^7)^{10} = \boxed{\phantom{000}} \boxed{\phantom{000}}$$

Show your work

#11

Simplify. Express your answer as a single term.

$$(g^5)^6$$

$g^{-30}$

$g^{30}$

$g^{11}$

$g^{-11}$

Show your work

#12

Simplify. Express your answer as a single term.

$$(z^3)^5$$

$z^{-15}$

$z^{-8}$

$z^{15}$

$z^8$

Show your work

Question	Answer
#1	g, 40
#2	o, 50
#3	choice 2
#4	choice 3
#5	choice 2
#6	q, 80
#7	choice 4
#8	u, 14
#9	i, 4
#10	h, 70
#11	choice 2
#12	choice 3