

#1

Which is equal to  $\frac{1}{9^8}$ ?

$$8^{-9}$$

$$8^9$$

$$-\frac{1}{9^{-8}}$$

$$9^{-8}$$

Show your work

#2

Which is equal to  $2^{-7}$ ?

$$\frac{1}{2^7}$$

$$\frac{1}{7^2}$$

$$\frac{1}{7^{-2}}$$

$$-\frac{1}{2^7}$$

Show your work

#3

Which is equal to  $8^{-3}$ ?

$$\frac{1}{3^8}$$

$$\frac{1}{3^{-8}}$$

$$-\frac{1}{8^3}$$

$$\frac{1}{8^3}$$

Show your work

#4

Which is equal to  $\frac{1}{6^9}$ ?

$$9^{-6}$$

$$9^6$$

$$-\frac{1}{6^{-9}}$$

$$6^{-9}$$

Show your work

#5

Which is equal to  $3^{-5}$ ?

$$\frac{1}{5^{-3}}$$

$$\frac{1}{5^3}$$

$$\frac{1}{3^5}$$

$$-\frac{1}{3^5}$$

Show your work

#6

Which is equal to  $6^{-9}$ ?

$$\frac{1}{9^{-6}}$$

$$\frac{1}{9^6}$$

$$\frac{1}{6^9}$$

$$-\frac{1}{6^9}$$

Show your work

#7

Which is equal to  $\frac{1}{6^8}$ ?

$$8^{-6}$$

$$-\frac{1}{6^{-8}}$$

$$8^6$$

$$6^{-8}$$

Show your work

#8

Which is equal to  $\frac{1}{3^5}$ ?

$$5^3$$

$$5^{-3}$$

$$3^{-5}$$

$$-\frac{1}{3^{-5}}$$

Show your work

#9

Which is equal to  $\frac{1}{7^4}$ ?

$$4^7$$

$$4^{-7}$$

$$-\frac{1}{7^{-4}}$$

$$7^{-4}$$

Show your work

#10

Which is equal to  $5^{-6}$ ?

$$\frac{1}{6^{-5}} \quad \frac{1}{6^5} \quad -\frac{1}{5^6} \quad \frac{1}{5^6}$$

   

Show your work

#11

Which is equal to  $7^{-9}$ ?

$$\frac{1}{9^{-7}} \quad \frac{1}{9^7} \quad \frac{1}{7^9} \quad -\frac{1}{7^9}$$

   

Show your work

#12

Which is equal to  $\frac{1}{5^9}$ ?

$$9^5 \quad 9^{-5} \quad 5^{-9} \quad -\frac{1}{5^{-9}}$$

   

Show your work

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