

#1

Evaluate

$$\frac{5^7}{7^3} = \frac{\boxed{}}{\boxed{}}$$

Show your work

#2

Evaluate

$$\frac{2^8}{3^9}$$

☐ $\frac{250}{20122}$

☐ $\frac{256}{19683}$

☐ $\frac{230}{19126}$

☐ $\frac{262}{13781}$

Show your work

#3

Evaluate

$$1^6 \times 6^{10}$$

☐ 42981406

☐ 60466176

☐ 53519538

☐ 49757210

Show your work

#4

Evaluate

$$2^2 \times 7^9$$

- ☐ 188698556 ☐ 123637314
- ☐ 188292836 ☐ 161414428

Show your work

#5

Evaluate

$$2^5 \times 10^9$$

- ☐ 30560411711 ☐ 32000000000
- ☐ 30847499649 ☐ 27512711343

Show your work

#6

Evaluate

$$8^6 \times 2^2$$

- ☐ 1048576 ☐ 1044988
- ☐ 759223 ☐ 893985

Show your work

#7

Evaluate

$$3^7 \times 1^4 = \boxed{}$$

Show your work

#8

Evaluate

$$\frac{1^2}{4^8}$$

☐ $\frac{2}{48217}$

☐ $\frac{1}{65536}$

☐ $\frac{4}{72384}$

☐ $\frac{3}{67348}$

Show your work

#9

Evaluate

$$3^6 \times 5^5$$

☐ 2000106

☐ 2436582

☐ 2324745

☐ 2278125

Show your work

#10

Evaluate

$$\frac{2^6}{2^1}$$

☐ 28☐ 32☐ 40☐ 38

Show your work

#11

Evaluate

$$\frac{3^6}{8^{10}}$$

☐ $\frac{714}{1342180478}$ ☐ $\frac{729}{1073741824}$ ☐ $\frac{928}{845513849}$ ☐ $\frac{764}{1040416297}$

Show your work

#12

Evaluate

$$\frac{4^4}{4^1} = \boxed{}$$

Show your work

Question	Answer
#1	78125, 343
#2	choice 2
#3	60466176
#4	161414428
#5	32000000000
#6	1048576
#7	2187
#8	choice 2
#9	2278125
#10	32
#11	choice 2
#12	64