#1

Evaluate. Write your answer as fraction or whole number.

$$\left(\frac{2}{3}\right)^2 = ?$$

 $0 2\frac{1}{4}$

O $\frac{2}{9}$

 $\frac{4}{9}$

 $0 1\frac{1}{3}$

Show your work

#2

Evaluate. Write your answer as fraction or whole number.

$$\left(\frac{1}{7}\right)^2 = ?$$

 $\frac{2}{49}$

O $\frac{1}{7}$

 \bigcirc $\frac{1}{49}$

O 49

Show your work

#3

Evaluate. Write your answer as fraction or whole number.

$$\left(\frac{2}{7}\right)^3 = ?$$

 $\bigcirc \frac{2}{343}$

 $0 1\frac{1}{7}$

 $\bigcirc \quad \frac{8}{343}$

 $O 42\frac{7}{8}$

#4

Evaluate

$$(0.03)^2 =$$

Show your work

#5

Evaluate

$$(0.03)^2 = ?$$

0.009

0.09

0.0009

0.00009

Show your work

#6

Evaluate. Write your answer as fraction or whole number.

$$\left(\frac{4}{5}\right)^2 = ?$$

 $0 1\frac{9}{16}$

 $\frac{16}{25}$

 $\frac{4}{25}$

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

Name:

#7

Evaluate. Write your answer as fraction or whole number.

$$\left(\frac{4}{7}\right)^3 = ?$$

 $\bigcirc \frac{64}{343}$

 \bigcirc $\frac{4}{343}$

 $O 5\frac{23}{64}$

 $0 9\frac{1}{7}$

Show your work

#8

Evaluate

$$(0.04)^2 = ?$$

0.0016

0.16

0.00016

0.016

Show your work

#9

Evaluate. Write your answer as fraction or whole number.

$$\left(\frac{1}{2}\right)^2 = ?$$

 $\frac{1}{4}$

0 4

 $\frac{1}{2}$

 $O \frac{1}{2}$

#10

Evaluate

$$(0.02)^2 = ?$$

0.004

0.0004

0.04

0.00004

Show your work

#11

Evaluate

$$(0.01)^2 = ?$$

0.01

0.0001

0.00001

0.001

Show your work

#12

Evaluate

 $(0.03)^2 =$

x+y Exponents with Decimal and Fractional Bases

Answer Key

Question	Answer
#1	choice 3
#2	choice 3
#3	choice 3
#4	0.0009
#5	choice 3
#6	choice 2
#7	choice 1
#8	choice 1
#9	choice 1
#10	choice 2
#11	choice 2
#12	0.0009