

Name:

ANSWERS!

Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Question 01

Select from the below the equivalent expression to 7^{-2}

(a) -49

(b) $\frac{1}{49}$

(c) -14

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

Question 02

Select from the below the equivalent expression to 3^{-3}

(a) -27

(b) $\frac{1}{9}$

(c) $\frac{1}{27}$

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

Question 03

Select from the below the equivalent expression to 2^{-1}

(a) $\frac{1}{2}$

(b) -2

(c) $-\frac{1}{2}$

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

Question 04

Select from the below the equivalent expression to $\frac{1}{7^{-2}}$

(a) -49

(b) -14

(c) 49

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

Question 05

Select from the below the equivalent expression to $\frac{1}{2^{-3}}$

(a) $\frac{1}{8}$

(b) $-\frac{1}{8}$

(c) 8

$= \frac{2^3}{1} = 2^3$

Remember!
Negative
exponents
have
NOTHING
to do
with
negative
numbers!

Question 06

Select from the below the equivalent expression to 8^{-2}

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

(a) $\frac{1}{64}$

(b) $-\frac{1}{64}$

(c) -64

Question 07

Select from the below the equivalent expression to 10^{-3}

$$= \frac{1}{10^3}$$

(a) -30

(b) $\frac{1}{30}$

(c) $\frac{1}{1000}$

Question 08

Select from the below the equivalent expression to 15^{-1}

$$= \frac{1}{15^1}$$

(a) $-\frac{1}{15}$

(b) -15

(c) $\frac{1}{15}$

Question 09

Select from the below the equivalent expression to $\frac{1}{4^{-2}}$

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

(a) -8

(b) 16

(c) -16

Question 10

Select from the below the equivalent expression to $\frac{1}{9^{-2}}$

$$= \frac{9^2}{1} = 9^2$$

(a) $\frac{1}{81}$

(b) $-\frac{1}{81}$

(c) 81