

Name:

ANSWERS!

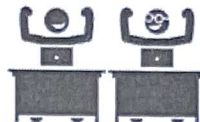
Class:



Communication



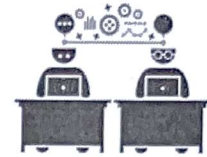
Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Question 01

Select the product of  $3.4 \times 10^4$  and  $2 \times 10^8$

(a)  $6.8 \times 10^{12}$

(b)  $6.8 \times 10^{32}$

(c)  $6.8 \times 10^{48}$

Question 02

Select the quotient of  $\frac{3 \times 10^{12}}{2 \times 10^2}$

(a)  $1.5 \times 10^6$

(b)  $1.5 \times 10^{10}$

(c)  $1.5 \times 10^{14}$

Question 03

Select the product of  $4 \times 10^{-3}$  and  $2 \times 10^{-7}$

(a)  $8 \times 10^{21}$

(b)  $8 \times 10^4$

(c)  $8 \times 10^{-10}$

Question 04

Select the quotient of  $\frac{9.6 \times 10^8}{3 \times 10^2}$

(a)  $3.2 \times 10^4$

(b)  $3.2 \times 10^6$

(c)  $3.2 \times 10^{10}$

Question 05

Select the product of  $4.2 \times 10^8$  and  $2 \times 10^{-5}$

(a)  $8.4 \times 10^{-40}$

(b)  $8.4 \times 10^{-3}$

(c)  $8.4 \times 10^3$

Question 06

Select the quotient of  $\frac{3.2 \times 10^{14}}{1.6 \times 10^{-2}}$

(a)  $2 \times 10^{-7}$

(b)  $2 \times 10^{12}$

(c)  $2 \times 10^{16}$

$14 - (-2)$   
 $14 + 2$   
 $16$

Question 07

Select the product of  $1.5 \times 10^5$  and  $4 \times 10^{-7}$

(a)  $6 \times 10^{-2}$

(b)  $6 \times 10^2$

(c)  $6 \times 10^{-35}$

Question 08

Select the quotient of  $\frac{9 \times 10^6}{2 \times 10^{12}}$

(a)  $4.5 \times 10^{0.5}$

(b)  $4.5 \times 10^6$

(c)  $4.5 \times 10^{-6}$

BONUS 01

**Bonus Because Place Value Shifts**

Select the product of  $5 \times 10^4$  and  $4 \times 10^6$

(a)  $2 \times 10^9$

(b)  $2 \times 10^{10}$

(c)  $2 \times 10^{11}$

$20 \times 10^{10}$   
 $2 \times 10^{11}$

BONUS 02

Select the quotient of  $\frac{3 \times 10^5}{5 \times 10^2}$

(a)  $6 \times 10^2$

(b)  $6 \times 10^3$

(c)  $6 \times 10^4$

$0.6 \times 10^3$   
 $6 \times 10^2$