

## Assignment

**Simplify. Write each answer in scientific notation.**

1)  $(8.5 \times 10^3)(2.8 \times 10^{-2})$

2)  $(4.4 \times 10^0)(5.4 \times 10^3)$

3)  $(3.19 \times 10^{-3})(9.8 \times 10^2)$

4)  $(2.1 \times 10^0)(3 \times 10^3)$

5)  $(6.7 \times 10^{-1})(5 \times 10^2)$

6)  $(4.3 \times 10^3)(3.13 \times 10^{-2})$

7)  $(5.89 \times 10^{-2})(9.3 \times 10^3)$

8)  $(8.45 \times 10^3)(7.74 \times 10^2)$

9)  $(6.6 \times 10^2)(1.4 \times 10^1)$

10)  $(8.52 \times 10^{-1})(2.3 \times 10^{-1})$

11)  $(7.3 \times 10^1)(2.91 \times 10^{-2})$

12)  $(2.16 \times 10^{-2})(8 \times 10^{-2})$

13)  $(8.59 \times 10^0)(9 \times 10^{-2})$

14)  $(7.2 \times 10^{-2})(6.2 \times 10^{-2})$

15)  $(5.96 \times 10^1)(7.3 \times 10^1)$

16)  $(2.23 \times 10^1)(1.8 \times 10^0)$

17)  $(9.5 \times 10^{-3})(9.8 \times 10^2)$

18)  $(2.9 \times 10^3)(2.8 \times 10^{-2})$

19)  $(3.71 \times 10^3)(4.8 \times 10^1)$

20)  $(6 \times 10^2)(4 \times 10^{-1})$

21)  $(7.8 \times 10^0)(6.51 \times 10^3)$

22)  $(1.2 \times 10^{-1})(5.7 \times 10^0)$

23)  $(8 \times 10^0)(9.4 \times 10^{-3})$

24)  $(5 \times 10^3)(6.78 \times 10^2)$



## Answers to Assignment (ID: 1)

- |                            |                            |                           |                            |
|----------------------------|----------------------------|---------------------------|----------------------------|
| 1) $2.38 \times 10^2$      | 2) $2.376 \times 10^4$     | 3) $3.126 \times 10^0$    | 4) $6.3 \times 10^3$       |
| 5) $3.35 \times 10^2$      | 6) $1.346 \times 10^2$     | 7) $5.478 \times 10^2$    | 8) $6.54 \times 10^6$      |
| 9) $9.24 \times 10^3$      | 10) $1.96 \times 10^{-1}$  | 11) $2.124 \times 10^0$   | 12) $1.728 \times 10^{-3}$ |
| 13) $7.731 \times 10^{-1}$ | 14) $4.464 \times 10^{-3}$ | 15) $4.351 \times 10^3$   | 16) $4.014 \times 10^1$    |
| 17) $9.31 \times 10^0$     | 18) $8.12 \times 10^1$     | 19) $1.781 \times 10^5$   | 20) $2.4 \times 10^2$      |
| 21) $5.078 \times 10^4$    | 22) $6.84 \times 10^{-1}$  | 23) $7.52 \times 10^{-2}$ | 24) $3.39 \times 10^6$     |



## Assignment

**Simplify. Write each answer in scientific notation.**

1)  $(2 \times 10^0)(5 \times 10^{-1})$

2)  $(9 \times 10^{-1})(8.8 \times 10^0)$

3)  $(6 \times 10^3)(8.6 \times 10^{-2})$

4)  $(6 \times 10^3)(5.42 \times 10^1)$

5)  $(4 \times 10^{-3})(9.89 \times 10^1)$

6)  $(1.6 \times 10^{-3})(6.2 \times 10^{-2})$

7)  $(6.4 \times 10^0)(7.2 \times 10^3)$

8)  $(6.48 \times 10^0)(7.58 \times 10^0)$

9)  $(4.7 \times 10^{-3})(1.2 \times 10^{-2})$

10)  $(2.2 \times 10^{-1})(2.2 \times 10^3)$

11)  $(7 \times 10^3)(2 \times 10^2)$

12)  $(4.6 \times 10^{-1})(4.1 \times 10^{-1})$

13)  $(9.18 \times 10^2)(4.49 \times 10^1)$

14)  $(6.9 \times 10^{-1})(6.8 \times 10^3)$

15)  $(8.02 \times 10^{-2})(2.19 \times 10^{-1})$

16)  $(6.55 \times 10^2)(6.7 \times 10^{-2})$

17)  $(5.1 \times 10^1)(5 \times 10^{-2})$

18)  $(1.67 \times 10^{-2})(2.7 \times 10^2)$

19)  $(7.5 \times 10^0)(4.27 \times 10^0)$

20)  $(9.25 \times 10^{-3})(1.97 \times 10^{-2})$

21)  $(9.8 \times 10^1)(7 \times 10^{-3})$

22)  $(5.7 \times 10^3)(6.5 \times 10^1)$

23)  $(1.73 \times 10^0)(7.5 \times 10^{-1})$

24)  $(8.1 \times 10^3)(8.5 \times 10^{-2})$



## Answers to Assignment (ID: 2)

- |                           |                          |                            |                            |
|---------------------------|--------------------------|----------------------------|----------------------------|
| 1) $10 \times 10^{-1}$    | 2) $7.92 \times 10^0$    | 3) $5.16 \times 10^2$      | 4) $3.252 \times 10^5$     |
| 5) $3.956 \times 10^{-1}$ | 6) $9.92 \times 10^{-5}$ | 7) $4.608 \times 10^4$     | 8) $4.912 \times 10^1$     |
| 9) $5.64 \times 10^{-5}$  | 10) $4.84 \times 10^2$   | 11) $1.4 \times 10^6$      | 12) $1.886 \times 10^{-1}$ |
| 13) $4.122 \times 10^4$   | 14) $4.692 \times 10^3$  | 15) $1.756 \times 10^{-2}$ | 16) $4.389 \times 10^1$    |
| 17) $2.55 \times 10^0$    | 18) $4.509 \times 10^0$  | 19) $3.202 \times 10^1$    | 20) $1.822 \times 10^{-4}$ |
| 21) $6.86 \times 10^{-1}$ | 22) $3.705 \times 10^5$  | 23) $1.297 \times 10^0$    | 24) $6.885 \times 10^2$    |



**Assignment**

Date\_\_\_\_\_ Period\_\_\_\_

**Simplify. Write each answer in scientific notation.**

1)  $(1.5 \times 10^2)(3.1 \times 10^1)$

2)  $(1.8 \times 10^3)(5.1 \times 10^{-3})$

3)  $(4.37 \times 10^{-1})(2.2 \times 10^3)$

4)  $(7 \times 10^{-1})(9 \times 10^0)$

5)  $(5 \times 10^2)(7.26 \times 10^3)$

6)  $(9 \times 10^{-2})(2.43 \times 10^1)$

7)  $(5 \times 10^2)(5.3 \times 10^{-1})$

8)  $(6 \times 10^2)(4.8 \times 10^2)$

9)  $(2 \times 10^{-2})(5 \times 10^{-3})$

10)  $(7.14 \times 10^{-3})(6 \times 10^2)$

11)  $(4.5 \times 10^{-3})(7.43 \times 10^{-2})$

12)  $(4.3 \times 10^0)(5.6 \times 10^3)$

13)  $(3 \times 10^{-1})(4.5 \times 10^0)$

14)  $(6.6 \times 10^{-1})(4.56 \times 10^{-1})$

15)  $(2.5 \times 10^3)(2.26 \times 10^{-3})$

16)  $(4.8 \times 10^2)(1.5 \times 10^1)$

17)  $(7.21 \times 10^{-1})(2.5 \times 10^{-1})$

18)  $(8.9 \times 10^0)(8.95 \times 10^3)$

19)  $(7.2 \times 10^2)(8 \times 10^{-3})$

20)  $(3.1 \times 10^{-1})(4.4 \times 10^2)$

21)  $(9.5 \times 10^1)(5.4 \times 10^1)$

22)  $(2.33 \times 10^2)(2 \times 10^{-3})$

23)  $(7.8 \times 10^{-3})(3.55 \times 10^2)$

24)  $(5.4 \times 10^{-2})(4.12 \times 10^{-1})$



## Answers to Assignment (ID: 3)

- |                            |                           |                            |                            |
|----------------------------|---------------------------|----------------------------|----------------------------|
| 1) $4.65 \times 10^3$      | 2) $9.18 \times 10^0$     | 3) $9.614 \times 10^2$     | 4) $6.3 \times 10^0$       |
| 5) $3.63 \times 10^6$      | 6) $2.187 \times 10^0$    | 7) $2.65 \times 10^2$      | 8) $2.88 \times 10^5$      |
| 9) $10 \times 10^{-5}$     | 10) $4.284 \times 10^0$   | 11) $3.344 \times 10^{-4}$ | 12) $2.408 \times 10^4$    |
| 13) $1.35 \times 10^0$     | 14) $3.01 \times 10^{-1}$ | 15) $5.65 \times 10^0$     | 16) $7.2 \times 10^3$      |
| 17) $1.802 \times 10^{-1}$ | 18) $7.966 \times 10^4$   | 19) $5.76 \times 10^0$     | 20) $1.364 \times 10^2$    |
| 21) $5.13 \times 10^3$     | 22) $4.66 \times 10^{-1}$ | 23) $2.769 \times 10^0$    | 24) $2.225 \times 10^{-2}$ |



**Assignment**

Date\_\_\_\_\_ Period\_\_\_\_

**Simplify. Write each answer in scientific notation.**

1)  $(4.96 \times 10^1)(2 \times 10^{-1})$

2)  $(7.6 \times 10^0)(4 \times 10^3)$

3)  $(8.75 \times 10^{-3})(4 \times 10^{-3})$

4)  $(2.39 \times 10^3)(3.33 \times 10^1)$

5)  $(5.03 \times 10^3)(7.72 \times 10^{-3})$

6)  $(8.4 \times 10^0)(1.03 \times 10^{-1})$

7)  $(1.8 \times 10^{-1})(7.8 \times 10^2)$

8)  $(8.2 \times 10^3)(8.8 \times 10^1)$

9)  $(1.6 \times 10^2)(3.5 \times 10^{-3})$

10)  $(2.46 \times 10^{-2})(7 \times 10^{-2})$

11)  $(5.1 \times 10^{-2})(9.23 \times 10^2)$

12)  $(5 \times 10^1)(2 \times 10^{-1})$

13)  $(6 \times 10^0)(6.38 \times 10^2)$

14)  $(2 \times 10^{-3})(1.8 \times 10^{-2})$

15)  $(2 \times 10^{-2})(1.54 \times 10^1)$

16)  $(7 \times 10^1)(7 \times 10^3)$

17)  $(7.8 \times 10^0)(3 \times 10^2)$

18)  $(2.8 \times 10^0)(4.3 \times 10^{-1})$

19)  $(6.9 \times 10^3)(8.79 \times 10^1)$

20)  $(3 \times 10^{-3})(9.6 \times 10^{-3})$

21)  $(9.27 \times 10^3)(6.9 \times 10^{-3})$

22)  $(2.7 \times 10^2)(3.62 \times 10^0)$

23)  $(7.5 \times 10^{-1})(1.32 \times 10^{-1})$

24)  $(5.1 \times 10^{-1})(5 \times 10^1)$



## Answers to Assignment (ID: 4)

- |                         |                            |                           |                           |
|-------------------------|----------------------------|---------------------------|---------------------------|
| 1) $9.92 \times 10^0$   | 2) $3.04 \times 10^4$      | 3) $3.5 \times 10^{-5}$   | 4) $7.959 \times 10^4$    |
| 5) $3.883 \times 10^1$  | 6) $8.652 \times 10^{-1}$  | 7) $1.404 \times 10^2$    | 8) $7.216 \times 10^5$    |
| 9) $5.6 \times 10^{-1}$ | 10) $1.722 \times 10^{-3}$ | 11) $4.707 \times 10^1$   | 12) $10 \times 10^0$      |
| 13) $3.828 \times 10^3$ | 14) $3.6 \times 10^{-5}$   | 15) $3.08 \times 10^{-1}$ | 16) $4.9 \times 10^5$     |
| 17) $2.34 \times 10^3$  | 18) $1.204 \times 10^0$    | 19) $6.065 \times 10^5$   | 20) $2.88 \times 10^{-5}$ |
| 21) $6.396 \times 10^1$ | 22) $9.774 \times 10^2$    | 23) $9.9 \times 10^{-2}$  | 24) $2.55 \times 10^1$    |



## Assignment

**Simplify. Write each answer in scientific notation.**

1)  $(5.7 \times 10^2)(3.8 \times 10^0)$

2)  $(5 \times 10^1)(8 \times 10^{-3})$

3)  $(9.34 \times 10^{-2})(2.8 \times 10^2)$

4)  $(2.98 \times 10^{-3})(7 \times 10^{-3})$

5)  $(8.1 \times 10^1)(5.7 \times 10^{-3})$

6)  $(1.5 \times 10^0)(3.18 \times 10^{-1})$

7)  $(5.6 \times 10^{-3})(6.7 \times 10^1)$

8)  $(7.9 \times 10^3)(9 \times 10^3)$

9)  $(1.4 \times 10^{-3})(3.3 \times 10^0)$

10)  $(3.05 \times 10^0)(2.3 \times 10^2)$

11)  $(6.2 \times 10^{-1})(4.3 \times 10^{-1})$

12)  $(4.53 \times 10^3)(4.69 \times 10^{-3})$

13)  $(3.12 \times 10^2)(4 \times 10^{-1})$

14)  $(8.5 \times 10^{-1})(2.39 \times 10^2)$

15)  $(1.9 \times 10^{-1})(8.2 \times 10^{-2})$

16)  $(5.76 \times 10^2)(9.1 \times 10^{-3})$

17)  $(9 \times 10^3)(9 \times 10^{-2})$

18)  $(4.6 \times 10^{-2})(1.2 \times 10^2)$

19)  $(6 \times 10^{-1})(6.86 \times 10^{-3})$

20)  $(2 \times 10^3)(4 \times 10^{-2})$

21)  $(7 \times 10^0)(6.6 \times 10^0)$

22)  $(3 \times 10^3)(6.3 \times 10^{-3})$

23)  $(7 \times 10^0)(5.5 \times 10^3)$

24)  $(4 \times 10^3)(7 \times 10^0)$



## Answers to Assignment (ID: 5)

- |                           |                          |                            |                           |
|---------------------------|--------------------------|----------------------------|---------------------------|
| 1) $2.166 \times 10^3$    | 2) $4 \times 10^{-1}$    | 3) $2.615 \times 10^1$     | 4) $2.086 \times 10^{-5}$ |
| 5) $4.617 \times 10^{-1}$ | 6) $4.77 \times 10^{-1}$ | 7) $3.752 \times 10^{-1}$  | 8) $7.11 \times 10^7$     |
| 9) $4.62 \times 10^{-3}$  | 10) $7.015 \times 10^2$  | 11) $2.666 \times 10^{-1}$ | 12) $2.125 \times 10^1$   |
| 13) $1.248 \times 10^2$   | 14) $2.032 \times 10^2$  | 15) $1.558 \times 10^{-2}$ | 16) $5.242 \times 10^0$   |
| 17) $8.1 \times 10^2$     | 18) $5.52 \times 10^0$   | 19) $4.116 \times 10^{-3}$ | 20) $8 \times 10^1$       |
| 21) $4.62 \times 10^1$    | 22) $1.89 \times 10^1$   | 23) $3.85 \times 10^4$     | 24) $2.8 \times 10^4$     |



## Assignment

Date\_\_\_\_\_ Period\_\_\_\_

**Simplify. Write each answer in scientific notation.**

1)  $(3.1 \times 10^3)(1.7 \times 10^0)$

2)  $(5.4 \times 10^2)(1.16 \times 10^{-3})$

3)  $(9.93 \times 10^0)(3.47 \times 10^{-2})$

4)  $(3.58 \times 10^{-1})(7.85 \times 10^2)$

5)  $(7.8 \times 10^3)(5.6 \times 10^0)$

6)  $(3.5 \times 10^1)(9.37 \times 10^0)$

7)  $(5.3 \times 10^{-2})(3 \times 10^3)$

8)  $(7.6 \times 10^{-2})(2.68 \times 10^2)$

9)  $(1.01 \times 10^2)(4.98 \times 10^3)$

10)  $(6.28 \times 10^1)(4.1 \times 10^3)$

11)  $(8.2 \times 10^0)(6.1 \times 10^{-1})$

12)  $(1.1 \times 10^{-3})(5 \times 10^2)$

13)  $(1.08 \times 10^{-3})(5.1 \times 10^0)$

14)  $(3.71 \times 10^{-3})(7 \times 10^{-3})$

15)  $(1.6 \times 10^{-1})(4.54 \times 10^2)$

16)  $(6.5 \times 10^3)(8 \times 10^{-2})$

17)  $(4 \times 10^{-1})(9.9 \times 10^{-2})$

18)  $(8.8 \times 10^2)(3.6 \times 10^3)$

19)  $(7.82 \times 10^{-1})(4.6 \times 10^2)$

20)  $(2.2 \times 10^2)(9 \times 10^{-3})$

21)  $(8.7 \times 10^{-1})(3.75 \times 10^{-2})$

22)  $(4.6 \times 10^1)(1.45 \times 10^3)$

23)  $(7.89 \times 10^1)(9.5 \times 10^0)$

24)  $(2.1 \times 10^{-2})(8.14 \times 10^1)$



## Answers to Assignment (ID: 6)

- |                            |                            |                           |                          |
|----------------------------|----------------------------|---------------------------|--------------------------|
| 1) $5.27 \times 10^3$      | 2) $6.264 \times 10^{-1}$  | 3) $3.446 \times 10^{-1}$ | 4) $2.81 \times 10^2$    |
| 5) $4.368 \times 10^4$     | 6) $3.279 \times 10^2$     | 7) $1.59 \times 10^2$     | 8) $2.037 \times 10^1$   |
| 9) $5.03 \times 10^5$      | 10) $2.575 \times 10^5$    | 11) $5.002 \times 10^0$   | 12) $5.5 \times 10^{-1}$ |
| 13) $5.508 \times 10^{-3}$ | 14) $2.597 \times 10^{-5}$ | 15) $7.264 \times 10^1$   | 16) $5.2 \times 10^2$    |
| 17) $3.96 \times 10^{-2}$  | 18) $3.168 \times 10^6$    | 19) $3.597 \times 10^2$   | 20) $1.98 \times 10^0$   |
| 21) $3.263 \times 10^{-2}$ | 22) $6.67 \times 10^4$     | 23) $7.496 \times 10^2$   | 24) $1.709 \times 10^0$  |



## Assignment

**Simplify. Write each answer in scientific notation.**

1)  $(2 \times 10^2)(6.55 \times 10^2)$

2)  $(6 \times 10^{-2})(4.9 \times 10^0)$

3)  $(3 \times 10^3)(3.1 \times 10^{-2})$

4)  $(7 \times 10^{-1})(2.8 \times 10^3)$

5)  $(4 \times 10^2)(2 \times 10^1)$

6)  $(1.6 \times 10^2)(9 \times 10^0)$

7)  $(8 \times 10^{-2})(2.3 \times 10^{-1})$

8)  $(7.3 \times 10^{-1})(9.9 \times 10^{-2})$

9)  $(3.3 \times 10^3)(7 \times 10^0)$

10)  $(3.08 \times 10^{-2})(4.83 \times 10^1)$

11)  $(5.6 \times 10^2)(2.53 \times 10^0)$

12)  $(7.9 \times 10^1)(5.9 \times 10^3)$

13)  $(3.15 \times 10^1)(2 \times 10^2)$

14)  $(4.3 \times 10^{-2})(6.9 \times 10^1)$

15)  $(1.67 \times 10^{-2})(9.21 \times 10^{-2})$

16)  $(6.2 \times 10^{-2})(4.04 \times 10^{-2})$

17)  $(8.41 \times 10^0)(4 \times 10^2)$

18)  $(8.5 \times 10^{-3})(8.43 \times 10^0)$

19)  $(5.78 \times 10^0)(1.74 \times 10^3)$

20)  $(1.9 \times 10^3)(5.4 \times 10^3)$

21)  $(8.4 \times 10^0)(6.4 \times 10^2)$

22)  $(5.85 \times 10^3)(7.3 \times 10^0)$

23)  $(9.1 \times 10^{-1})(5.9 \times 10^{-2})$

24)  $(6.6 \times 10^2)(9.3 \times 10^3)$



## Answers to Assignment (ID: 7)

1)  $1.31 \times 10^5$

5)  $8 \times 10^3$

9)  $2.31 \times 10^4$

13)  $6.3 \times 10^3$

17)  $3.364 \times 10^3$

21)  $5.376 \times 10^3$

2)  $2.94 \times 10^{-1}$

6)  $1.44 \times 10^3$

10)  $1.488 \times 10^0$

14)  $2.967 \times 10^0$

18)  $7.166 \times 10^{-2}$

22)  $4.271 \times 10^4$

3)  $9.3 \times 10^1$

7)  $1.84 \times 10^{-2}$

11)  $1.417 \times 10^3$

15)  $1.538 \times 10^{-3}$

19)  $1.006 \times 10^4$

23)  $5.369 \times 10^{-2}$

4)  $1.96 \times 10^3$

8)  $7.227 \times 10^{-2}$

12)  $4.661 \times 10^5$

16)  $2.505 \times 10^{-3}$

20)  $1.026 \times 10^7$

24)  $6.138 \times 10^6$



## Assignment

**Simplify. Write each answer in scientific notation.**

1)  $(9 \times 10^1)(2.3 \times 10^{-1})$

2)  $(5.92 \times 10^{-2})(3.3 \times 10^{-2})$

3)  $(2.5 \times 10^{-1})(6 \times 10^{-3})$

4)  $(2.4 \times 10^2)(5.9 \times 10^3)$

5)  $(8.55 \times 10^{-3})(8 \times 10^{-3})$

6)  $(7.39 \times 10^1)(2.81 \times 10^{-1})$

7)  $(2 \times 10^1)(1.4 \times 10^{-1})$

8)  $(9.5 \times 10^{-3})(9 \times 10^0)$

9)  $(7 \times 10^{-2})(6 \times 10^2)$

10)  $(3 \times 10^1)(1.62 \times 10^2)$

11)  $(8 \times 10^{-2})(7.9 \times 10^{-1})$

12)  $(4 \times 10^1)(7.6 \times 10^{-2})$

13)  $(9 \times 10^{-2})(9 \times 10^{-3})$

14)  $(3.6 \times 10^{-1})(6.7 \times 10^{-2})$

15)  $(1.1 \times 10^2)(9.3 \times 10^3)$

16)  $(5.9 \times 10^{-2})(1.4 \times 10^1)$

17)  $(6.37 \times 10^2)(6 \times 10^2)$

18)  $(8.2 \times 10^{-2})(6.19 \times 10^{-3})$

19)  $(5.7 \times 10^1)(3.89 \times 10^3)$

20)  $(3.81 \times 10^{-2})(1.58 \times 10^1)$

21)  $(6.5 \times 10^0)(7 \times 10^1)$

22)  $(6.44 \times 10^{-3})(7.2 \times 10^{-3})$

23)  $(9.07 \times 10^3)(1.36 \times 10^0)$

24)  $(8.8 \times 10^0)(8.2 \times 10^1)$



## Answers to Assignment (ID: 8)

- |                          |                            |                           |                           |
|--------------------------|----------------------------|---------------------------|---------------------------|
| 1) $2.07 \times 10^1$    | 2) $1.954 \times 10^{-3}$  | 3) $1.5 \times 10^{-3}$   | 4) $1.416 \times 10^6$    |
| 5) $6.84 \times 10^{-5}$ | 6) $2.077 \times 10^1$     | 7) $2.8 \times 10^0$      | 8) $8.55 \times 10^{-2}$  |
| 9) $4.2 \times 10^1$     | 10) $4.86 \times 10^3$     | 11) $6.32 \times 10^{-2}$ | 12) $3.04 \times 10^0$    |
| 13) $8.1 \times 10^{-4}$ | 14) $2.412 \times 10^{-2}$ | 15) $1.023 \times 10^6$   | 16) $8.26 \times 10^{-1}$ |
| 17) $3.822 \times 10^5$  | 18) $5.076 \times 10^{-4}$ | 19) $2.217 \times 10^5$   | 20) $6.02 \times 10^{-1}$ |
| 21) $4.55 \times 10^2$   | 22) $4.637 \times 10^{-5}$ | 23) $1.234 \times 10^4$   | 24) $7.216 \times 10^2$   |



Name\_\_\_\_\_

**Assignment**

Date\_\_\_\_\_ Period\_\_\_\_

**Simplify. Write each answer in scientific notation.**

1)  $(8.7 \times 10^3)(9.79 \times 10^3)$

2)  $(3.87 \times 10^0)(8.05 \times 10^{-2})$

3)  $(2.1 \times 10^2)(5.7 \times 10^{-1})$

4)  $(6.51 \times 10^0)(2 \times 10^{-3})$

5)  $(9.14 \times 10^{-1})(6.7 \times 10^{-2})$

6)  $(4.4 \times 10^2)(7.7 \times 10^3)$

7)  $(9.2 \times 10^{-2})(7.26 \times 10^1)$

8)  $(6.58 \times 10^2)(4.96 \times 10^{-1})$

9)  $(2.7 \times 10^{-2})(1.7 \times 10^{-3})$

10)  $(7.5 \times 10^1)(2.7 \times 10^2)$

11)  $(5 \times 10^{-3})(3.6 \times 10^1)$

12)  $(9.8 \times 10^1)(4.6 \times 10^{-1})$

13)  $(7 \times 10^3)(6.7 \times 10^{-3})$

14)  $(3 \times 10^0)(6.15 \times 10^2)$

15)  $(1.7 \times 10^{-3})(7 \times 10^{-1})$

16)  $(8 \times 10^{-3})(6.2 \times 10^0)$

17)  $(4 \times 10^0)(5.9 \times 10^{-2})$

18)  $(5 \times 10^1)(9.73 \times 10^1)$

19)  $(8 \times 10^3)(4 \times 10^{-2})$

20)  $(6.2 \times 10^2)(6.04 \times 10^3)$

21)  $(4.4 \times 10^{-1})(8.34 \times 10^{-3})$

22)  $(1.83 \times 10^1)(3 \times 10^1)$

23)  $(3.7 \times 10^{-1})(7 \times 10^1)$

24)  $(6 \times 10^{-2})(1.7 \times 10^{-3})$



## Answers to Assignment (ID: 9)

- |                           |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|---------------------------|
| 1) $8.517 \times 10^7$    | 2) $3.115 \times 10^{-1}$ | 3) $1.197 \times 10^2$    | 4) $1.302 \times 10^{-2}$ |
| 5) $6.124 \times 10^{-2}$ | 6) $3.388 \times 10^6$    | 7) $6.679 \times 10^0$    | 8) $3.264 \times 10^2$    |
| 9) $4.59 \times 10^{-5}$  | 10) $2.025 \times 10^4$   | 11) $1.8 \times 10^{-1}$  | 12) $4.508 \times 10^1$   |
| 13) $4.69 \times 10^1$    | 14) $1.845 \times 10^3$   | 15) $1.19 \times 10^{-3}$ | 16) $4.96 \times 10^{-2}$ |
| 17) $2.36 \times 10^{-1}$ | 18) $4.865 \times 10^3$   | 19) $3.2 \times 10^2$     | 20) $3.745 \times 10^6$   |
| 21) $3.67 \times 10^{-3}$ | 22) $5.49 \times 10^2$    | 23) $2.59 \times 10^1$    | 24) $1.02 \times 10^{-4}$ |



**Assignment****Simplify. Write each answer in scientific notation.**

1)  $(7.1 \times 10^1)(5.25 \times 10^{-1})$

2)  $(4.47 \times 10^1)(2.6 \times 10^2)$

3)  $(8.4 \times 10^{-3})(5 \times 10^2)$

4)  $(5.94 \times 10^{-3})(5.6 \times 10^{-3})$

5)  $(4.53 \times 10^3)(6 \times 10^2)$

6)  $(6.6 \times 10^0)(6.5 \times 10^1)$

7)  $(9 \times 10^0)(8.5 \times 10^{-3})$

8)  $(7.17 \times 10^2)(7 \times 10^{-2})$

9)  $(7.2 \times 10^3)(7.11 \times 10^{-1})$

10)  $(2.4 \times 10^{-1})(9.41 \times 10^1)$

11)  $(9.5 \times 10^2)(9 \times 10^{-3})$

12)  $(8.64 \times 10^{-2})(4.81 \times 10^{-3})$

13)  $(3 \times 10^2)(8 \times 10^{-1})$

14)  $(2.29 \times 10^{-2})(7 \times 10^1)$

15)  $(4.92 \times 10^{-3})(8.63 \times 10^{-3})$

16)  $(8.71 \times 10^1)(6.32 \times 10^2)$

17)  $(1.2 \times 10^{-2})(2 \times 10^0)$

18)  $(3.6 \times 10^{-3})(4 \times 10^3)$

19)  $(2.35 \times 10^0)(4 \times 10^0)$

20)  $(7 \times 10^3)(1.79 \times 10^1)$

21)  $(4 \times 10^{-1})(9 \times 10^0)$

22)  $(8 \times 10^2)(2.4 \times 10^{-3})$

23)  $(1.1 \times 10^0)(4.9 \times 10^1)$

24)  $(5 \times 10^{-1})(5.26 \times 10^2)$



## Answers to Assignment (ID: 10)

- |                          |                         |                            |                            |
|--------------------------|-------------------------|----------------------------|----------------------------|
| 1) $3.728 \times 10^1$   | 2) $1.162 \times 10^4$  | 3) $4.2 \times 10^0$       | 4) $3.326 \times 10^{-5}$  |
| 5) $2.718 \times 10^6$   | 6) $4.29 \times 10^2$   | 7) $7.65 \times 10^{-2}$   | 8) $5.019 \times 10^1$     |
| 9) $5.119 \times 10^3$   | 10) $2.258 \times 10^1$ | 11) $8.55 \times 10^0$     | 12) $4.156 \times 10^{-4}$ |
| 13) $2.4 \times 10^2$    | 14) $1.603 \times 10^0$ | 15) $4.246 \times 10^{-5}$ | 16) $5.505 \times 10^4$    |
| 17) $2.4 \times 10^{-2}$ | 18) $1.44 \times 10^1$  | 19) $9.4 \times 10^0$      | 20) $1.253 \times 10^5$    |
| 21) $3.6 \times 10^0$    | 22) $1.92 \times 10^0$  | 23) $5.39 \times 10^1$     | 24) $2.63 \times 10^2$     |

