

Multiplication

I. Multiplying each of the following numbers.

1. 260

$$\begin{array}{r} \times 60 \\ \hline \end{array}$$

2. 390

$$\begin{array}{r} \times 13 \\ \hline \end{array}$$

3. 931

$$\begin{array}{r} \times 58 \\ \hline \end{array}$$

4. 2406

$$\begin{array}{r} \times 15 \\ \hline \end{array}$$

5. 8582

$$\begin{array}{r} \times 92 \\ \hline \end{array}$$

6. 783

$$\begin{array}{r} \times 205 \\ \hline \end{array}$$

7. 9417

$$\begin{array}{r} \times 261 \\ \hline \end{array}$$

8. 9877

$$\begin{array}{r} \times 233 \\ \hline \end{array}$$

II. Multiply Whole Numbers: Word Problems

1. A hospital orders **918 boxes of drugs** from a pharmaceutical company per day. How many boxes of drugs will the hospital order in **30 days**?

27,540 boxes

27,540 boxes

27,540 boxes

27,540 boxes

2. Britney works in a news paper Company as a delivery girl. If she delivers **1,165** news papers in a week, how many news papers will she deliver in **8 weeks**?

9,200 news paper

9,320 news paper

9,020 news paper

9,220 news paper

3. Facebook sends out **9,578** notifications per day to a population of about **149,580** people in a small country. How many notifications will Facebooks send to that country in **2 months**?

584,248 notifications

584,258 notifications

584,238 notifications

584,208 notifications

III. Multiply the following. (Follow the example).

1. $12 \times 9 \times 33$

12	108
$\times 9$	$\times 33$
108	324
	$+ 3240$
	3564

2. $152 \times 10 \times 5$

152	
$\times 5$	$\times$
	$+$

3. $19 \times 32 \times 15$

19	
$\times 32$	$\times$
$+$	$+$

4. $150 \times 20 \times 10$

150	
$\times 20$	$\times$
$+$	$+$

Multiplying the following numbers.

5. 1470

10

$\times 45$

6. 410

200

$\times 323$

7. 70

1405

$\times 5$

8. 21

30

$\times 1500$

IV. Multiplication expressions using exponents.

1. Write this expression $5 \times 5 \times 5 \times 5$ using exponents.

2. Write this expression $20 \times 20 \times 20 \times 20 \times 20$ using exponents.

3. Write this expression $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$ using exponents.

4. Write this expression $32 \times 32 \times 32 \times 32$ using exponents.

In each case, tick the correct answer.

5. What is the exponent expression of $34 \times 34 \times 34 \times 34 \times 34 \times 34$?

☐ 7^{34} ☐ 34^5 ☐ 34^{34} ☐ 34^6

6. What is the exponent expression of $97 \times 97 \times 97 \times 97 \times 97 \times 97$?

☐ 79^4 ☐ 97^6 ☐ 97^7 ☐ 9^7

7. What is the exponent expression of $65 \times 65 \times 65 \times 65 \times 65$?

☐ 65^{65} ☐ 65^5 ☐ 56^5 ☐ 65^6

Answer Key:

I.

(1): 15, 600	(5): 789,544
(2): 5,070	(6): 160,515
(3): 53,998	(7): 2,457,837
(4): 36,090	(8): 2,301,341

II.

(1): 27,540 boxes
(2): 9,320 news papers
(3): 584,258 notifications

III.

(1): 3564	(5): 661500
(2): 7600	(6): 26486000
(3): 9120	(7): 491750
(4): 30000	(8): 945000

IV.

(1): 5^4
(2): 20^5
(3): 7^7
(4): 32^4
(5): 34^6
(6): 97^6
(7): 65^5