

Expand It!

Place Value

Instructions:

For problems 1–5, write each number in expanded form. For problems 6–10, write the number represented by each expanded form.

Helpful Hint:

Remember—numbers are made up of digits. The value of a digit depends on its place, or position, in the number.

For example:

124—The digits are **1**, **2**, and **4**.

- The **1** is in the hundreds place, so its value is **100**.
- The **2** is in the tens place, so its value is **20**.
- The **4** is in the ones place, so its value is **4**.

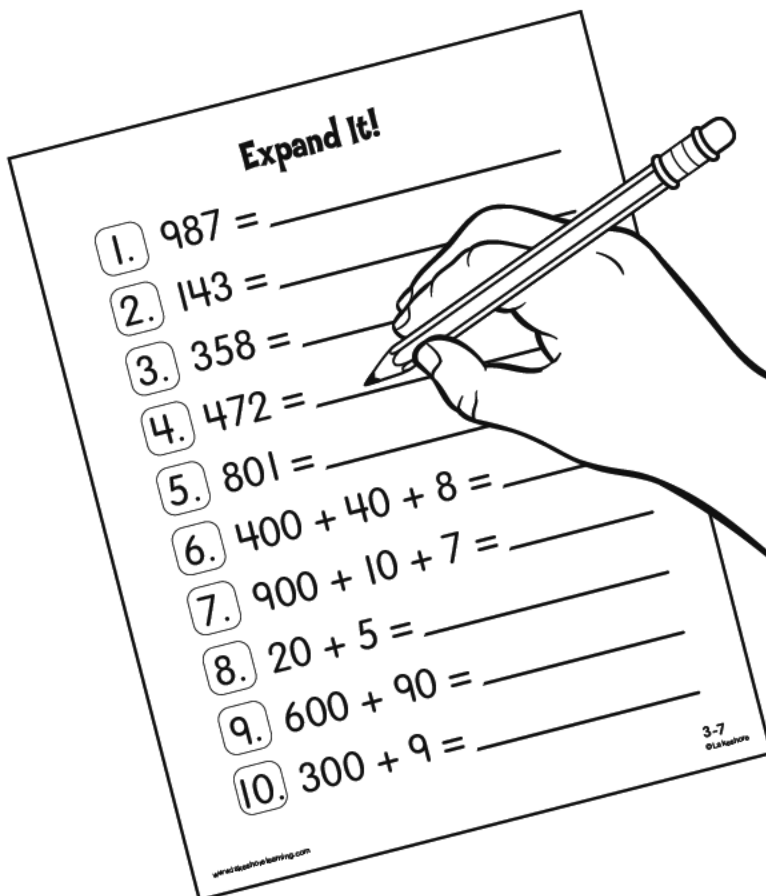
Representing a number in expanded form is like “stretching it out” to show the number as the value of each of its digits added together.

Example:

124

Expanded form: $100 + 20 + 4$

So, $100 + 20 + 4 = 124$



Expand It!

1. $987 =$ _____

2. $143 =$ _____

3. $358 =$ _____

4. $472 =$ _____

5. $801 =$ _____

6. $400 + 40 + 8 =$ _____

7. $900 + 10 + 7 =$ _____

8. $20 + 5 =$ _____

9. $600 + 90 =$ _____

10. $300 + 9 =$ _____

Answer Key

Expand It!

1. $987 = \underline{900 + 80 + 7}$

2. $143 = \underline{100 + 40 + 3}$

3. $358 = \underline{300 + 50 + 8}$

4. $472 = \underline{400 + 70 + 2}$

5. $801 = \underline{800 + 1}$

6. $400 + 40 + 8 = \underline{448}$

7. $900 + 10 + 7 = \underline{917}$

8. $20 + 5 = \underline{25}$

9. $600 + 90 = \underline{690}$

10. $300 + 9 = \underline{309}$