



Find the Factors



Write all the **factors** of the given numbers: 12, 45, 24, 72, 81, therefore



12

Factors of 12:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

45

Factors of 45:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

24

Factors of 24:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

72

Factors of 72:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

81

Factors of 81:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Therefore,

The factors are:

The common factors are:

The greatest common factor is:





Ascending and Descending Order



Ascending Order

Arranging numbers from **smallest to greatest**.

Example:

-5, 0, 3, 7, 12



Descending Order

Arranging numbers from **greatest to smallest**.

Example:

12, 7, 3, 0, -5



Remember!

★ In **Ascending Order** → smallest to greatest (← to →)

★ In **Descending Order** → greatest to smallest (→ to ←)



1 Write the numbers in **Ascending Order** (smallest to greatest).

a) 8, 3, 12, 1, 6 _____

b) -4, -10, -1, -7, -3 _____

c) 15, 22, -5, 0, 9 _____

d) 3.4, 2.8, 5.1, 1.2, 4.6 _____

e) -2.5, 3.7, -1.2, 0, 2.2 _____

Tip!

For negative numbers, the number with **larger absolute value** is smaller.

Example:

$-8 < -3 < -1 < 0 < 2$

2 Write the numbers in **Descending Order** (greatest to smallest).

a) 19, 7, 25, 3, 11 _____

b) -3, -8, 0, -1, -5 _____

c) 10, -2, 4, -6, 0 _____

d) 6.7, 3.2, 8.1, 5.5, 1.9 _____

e) -0.5, 2.3, -1.7, 0.9, -3.2 _____

Think!

For descending order, arrange from the **largest** value to the **smallest**.

3 Look at each set of numbers below. Write 'A' if they are in **Ascending Order**, write 'D' if they are in **Descending Order**.

a) 2, 5, 9, 14, 20 → ☐

b) 30, 22, 15, 8, 1 → ☐

c) -9, -6, -2, 0, 3 → ☐

d) 7.1, 6.5, 5.8, 4.3, 2.0 → ☐

e) -10, -12, -15, -18, -20 ☐

f) -3, -1, 2, 4, 6 ☐

g) 5.5, 6.6, 7.7, 8.8, 9.9 ☐

h) 20, 18, 18, 15, 10 ☐

4 Arrange the numbers in the given order.

a) **Ascending Order** (smallest to greatest)

-7, 3, -2, 9, -5, 4, 0

b) **Descending Order** (greatest to smallest)

12.5, -3.4, 8.6, -10.2, 0, 6.1, -1.1





Ascending and Descending Order



Ascending Order

Arranging numbers from
smallest to greatest.

(→)

Example:

2, 4, 6, 8, 10



Descending Order

Arranging numbers from
greatest to smallest.

(←)

Example:

10, 8, 6, 4, 2



1 Write the numbers in **Ascending Order** (smallest to greatest).

a) 7, 2, 9, 4, 1

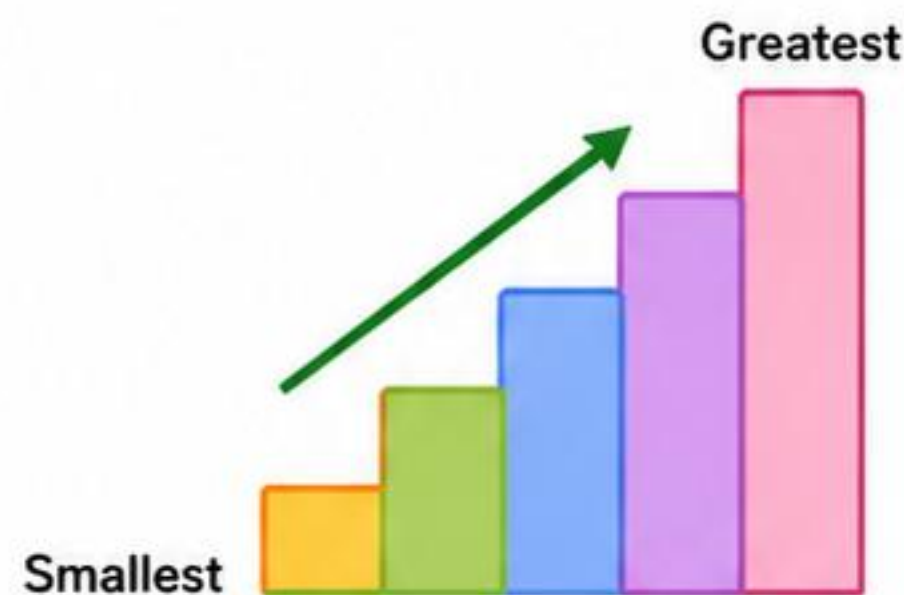
____, _____, _____, _____, _____

b) 15, 8, 3, 12, 6

____, _____, _____, _____, _____

c) 20, 11, 17, 5, 9

____, _____, _____, _____, _____



2 Write the numbers in **Descending Order** (greatest to smallest).

a) 18, 7, 14, 3, 11

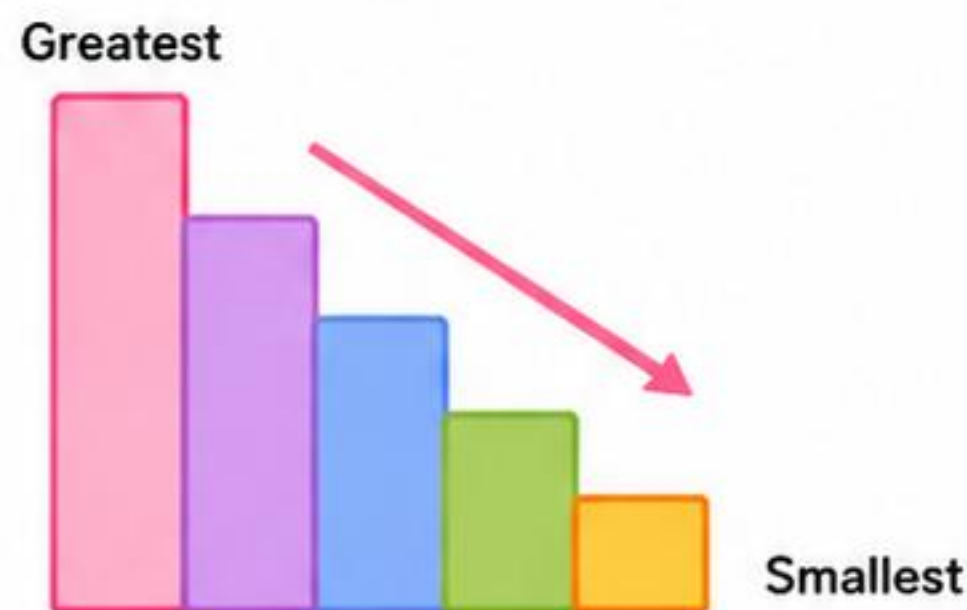
____, _____, _____, _____, _____

b) 25, 19, 8, 21, 13

____, _____, _____, _____, _____

c) 30, 16, 24, 5, 12

____, _____, _____, _____, _____



3 Put the given numbers in order. Write 'A' for **Ascending** or 'D' for **Descending**.

a) 4, 6, 8, 10, 12

→

b) 27, 23, 19, 15, 11

→

c) 3, 7, 11, 15, 19

→



Ascending & Descending

Ascending order

Arrange the numbers from smallest to greatest

1. 2, 5, 1, 4



2. 3, 2, 7, 5



3. 8, 6, 1, 4



4. 10, 5, 8, 9



5. 7, 3, 2, 6



1-20



Descending order

Arrange the numbers from greatest to smallest

1. 1, 2, 3, 4



2. 5, 2, 3, 1



3. 10, 8, 9, 7



4. 5, 2, 6, 1



5. 9, 7, 3, 5



FACTOR PAIRS

FOR NUMBERS 1-12

