

FACTORS AND MULTIPLES

FACTORS

1. Factors are whole numbers that divide another number without a remainder.
2. Factors are numbers we can multiply together to get another number.

Multiples

1. Multiple is a number which can be divided by another number without a remainder

Factors of 12

1 2 3

4 5 6 7 8 9 10 11 12

Multiples of 3

1 2 3 4 5 6 7 8 9 10 11 12

a. Choose the numbers which are **factors of 24**

1 3 5 7 8 12 24

b. Choose the numbers which are **factors of 30**

2 3 5 7 8 15 24

c. Choose the numbers which are **factors of 36**

1 3 5 7 12 16 36



d. Choose the numbers which are **multiples of 3**.

1	3	5	7	9	16	24
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e. Choose the numbers which are **multiples of 5**.

1	3	5	7	8	10	15
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f. Choose the numbers which are **multiples of 7**.

1	7	9	14	18	20	21
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True or false

<u>Number</u>	<u>Multiple of 3</u>	<u>Factor of 30</u>		
15	YES	NO	YES	NO
17	YES	NO	YES	NO
6	YES	NO	YES	NO
10	YES	NO	YES	NO
9	YES	NO	YES	NO
30	YES	NO	YES	NO