

Reasoning – Write One Number

Here is a diagram for sorting numbers.

Write one number in each box.

One is done for you.

	Multiple of 5	Not a multiple of 5	Multiple of 10	Not a Multiple of 10
Multiple of 3	15			
Not a multiple of 3				

	Multiple of 5	Not a multiple of 5	Multiple of 8	Not a Multiple of 8
Multiple of 2	10			
Not a multiple of 2				

	Multiple of 6	Not a multiple of 6	Multiple of 10	Not a Multiple of 10
Multiple of 4	12			
Not a multiple of 4				

	Multiple of 7	Not a multiple of 7	Multiple of 8	Not a Multiple of 8
Multiple of 6	24			
Not a multiple of 6				

Reasoning – Write One Number

Here is a diagram for sorting numbers.

Write one number in each box. **Accept more than one correct multiple in any box.**

One is done for you. **DO NOT accept any box containing a correct multiple and an incorrect number.**

	Multiple of 5	Not a multiple of 5	Multiple of 10	Not a Multiple of 10
Multiple of 3	15	3, 6, 9 etc	30, 60, 90 etc	3, 6, 9 etc
Not a multiple of 3	5, 10, 20 etc	1, 2, 4 etc	10, 20, 40 etc	1, 2, 4 etc

	Multiple of 5	Not a multiple of 5	Multiple of 8	Not a Multiple of 8
Multiple of 2	10	2, 4, 6 etc	8, 16, 24 etc	2, 4, 6 etc
Not a multiple of 2	5, 15, 25 etc	1, 3, 7 etc	Not possible	1, 3, 5 etc

	Multiple of 6	Not a multiple of 6	Multiple of 10	Not a Multiple of 10
Multiple of 4	12	4, 8, 16 etc	20, 40, 60 etc	4, 8, 12 etc
Not a multiple of 4	6, 18, 30 etc	1, 2, 3 etc	10, 30, 50 etc.	1, 2, 3 etc

	Multiple of 7	Not a multiple of 7	Multiple of 8	Not a Multiple of 8
Multiple of 6	42	6, 12, 18 etc	24, 48, 72 etc	6, 12, 18 etc
Not a multiple of 6	7, 14, 21 etc	1, 2, 3 etc	8, 16, 32 etc	1, 2, 3 etc

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	Multiple of 6	Not a multiple of 6	Multiple of 9	Not a Multiple of 9
Multiple of 5	30			
Not a multiple of 5				

	Multiple of 9	Not a multiple of 9	Multiple of 25	Not a Multiple of 25
Multiple of 6	54			
Not a multiple of 6				

	Multiple of 9	Not a multiple of 9	Multiple of 25	Not a Multiple of 25
Multiple of 4	36			
Not a multiple of 4				

	Multiple of 7	Not a multiple of 7	Multiple of 50	Not a Multiple of 50
Multiple of 6	84			
Not a multiple of 6				

Reasoning – Write One Number

Here is a diagram for sorting numbers.

Write one number in each box. **Accept more than one correct multiple in any box.**

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	Multiple of 6	Not a multiple of 6	Multiple of 9	Not a Multiple of 9
Multiple of 5	30	5, 10, 15 etc	45, 90, 135 etc	5, 10, 15 etc
Not a multiple of 5	6, 12, 18 etc	1, 2, 3 etc	9, 18, 27 etc	1, 2, 3 etc

	Multiple of 9	Not a multiple of 9	Multiple of 25	Not a Multiple of 25
Multiple of 6	18	6, 12, 24 etc	150, 300, 450 etc	6, 12, 18 etc
Not a multiple of 6	9, 27, 45 etc	1, 2, 3 etc	25, 50, 75 etc	1, 2, 3 etc

	Multiple of 9	Not a multiple of 9	Multiple of 25	Not a Multiple of 25
Multiple of 4	36	4, 8, 12 etc	100, 200, 300 etc	4, 8, 12 etc
Not a multiple of 4	9, 18, 27 etc	1, 2, 3 etc	25, 50, 75 etc	1, 2, 3 etc

	Multiple of 7	Not a multiple of 7	Multiple of 50	Not a Multiple of 50
Multiple of 6	84	6, 12, 18 etc	300, 600, 900 etc	6, 12, 18 etc
Not a multiple of 6	7, 14, 21 etc	1, 2, 3 etc	50, 100, 150 etc	1, 2, 3 etc

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	Multiple of 7	Not a multiple of 7	Multiple of 25	Not a Multiple of 25
Multiple of 2	14			
Not a multiple of 2				

	Multiple of 5	Not a multiple of 5	Multiple of 10	Not a Multiple of 10
Multiple of 4	20			
Not a multiple of 4				

	Multiple of 9	Not a multiple of 9	Multiple of 50	Not a Multiple of 50
Multiple of 3	9			
Not a multiple of 3				

	Multiple of 9	Not a multiple of 9	Multiple of 100	Not a Multiple of 100
Multiple of 6	54			
Not a multiple of 6				

Reasoning – Write One Number

Here is a diagram for sorting numbers.

Write one number in each box. **Accept more than one correct multiple in any box.**

One is done for you. **DO NOT accept any box containing a correct multiple and an incorrect number.**

	Multiple of 7	Not a multiple of 7	Multiple of 25	Not a Multiple of 25
Multiple of 2	14	2, 4, 6 etc	50, 100, 150 etc	2, 4, 6 etc
Not a multiple of 2	7, 21, 35 etc	1, 3, 5 etc.	25, 75, 125 etc	1, 3, 5 etc

	Multiple of 5	Not a multiple of 5	Multiple of 10	Not a Multiple of 10
Multiple of 4	20	4, 8, 12 etc	20, 40, 60 etc	4, 8, 12 etc.
Not a multiple of 4	5, 10, 15 etc	1, 2, 3 etc	10, 30, 50 etc	1, 2, 3 etc

	Multiple of 9	Not a multiple of 9	Multiple of 50	Not a Multiple of 50
Multiple of 3	9	3, 6, 12 etc	150, 300, 450 etc	3, 6, 9 etc
Not a multiple of 3	Not possible	1, 2, 4 etc	50, 100, 200 etc	1, 2, 4 etc

	Multiple of 9	Not a multiple of 9	Multiple of 100	Not a Multiple of 100
Multiple of 6	54	6, 12, 24 etc	600, 1200, 1800 etc	6, 12, 18 etc
Not a multiple of 6	9, 27, 45 etc	1, 2, 3 etc	100, 200, 300 etc	1, 2, 3 etc