

- 1) Write the numbers in the correct columns (some numbers might belong in more than one column).



16, 40, 36, 55, 72, 24, 30

Multiples of 2	Multiples of 3	Multiples of 5	Multiples of 10

- 2) Look at the numbers in each column. What do you notice? Write a rule for each column about how to identify if a number is a multiple.
- Multiples of 2
 - Multiples of 3
 - Multiples of 5
 - Multiples of 10
- 3) Using your rules from question 2, sort the following numbers correctly.

7362, 8654, 6246, 3475, 4530, 3513

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- 1) Look at these statements. Decide if each one is always, sometimes or never true. Explain your reasoning for each statement.



- Multiples of 3 are also multiples of 6.
- If you add a multiple of 5 to a multiple of 10, you get a multiple of 5.
- Multiples of 4 are odd.

- 2) Jamie says, "My grandad's age this year is a multiple of 8. Next year, it will be a multiple of 7."



How old is Jamie's grandad?

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- 1) Afiba says, "I am thinking of 3 consecutive numbers. The first is a multiple of 4, the second is a multiple of 5 and the third is a multiple of 6." What could the numbers be? Can you find 3 possible sets of numbers?



- 2) Akira says,

"I am thinking of a number. It is a multiple of 6 and it is also 1 less than a multiple of 5."

What could the number be?
Find 5 possible numbers.



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