

Divisibility Rules:

- Divisible by 2: The number is even (ends in 0, 2, 4, 6, 8)
- Divisible by 3: The sum of the digits is divisible by 3.
- Divisible by 4: The last two digits are divisible by 4.
- Divisible by 5: The number ends in 0 or 5.
- Divisible by 6: The number is divisible by 2 and 3.
- Divisible by 7: Step 1: Drop the one's digit
Step 2: Subtract twice the dropped one's digit from the number that remains.
Step 3: If the result from step 2 is divisible by 7, then the original # is divisible by 7.
- Divisible by 8: The last three digits are divisible by 8 or it ends in 000.
- Divisible by 9: The sum of the digits is divisible by 9.
- Divisible by 10: The number ends in 0.
- Divisible by 12: The number is divisible by 3 and 4.
- Divisible by 15: The number is divisible by 3 and 5.
- Divisible by 20: The number ends in 0 and has an even number in the tens place.
- Divisible by 25: The number ends in 00, 25, 50, 75.