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Content CW_Grade-5_Factors, Multiples & Primes

Properties of Divisibility

Divisibility Rules	
A number is divisible by	
2	If last digit is 0, 2, 4, 6, or 8
3	If the sum of the digits is divisible by 3
4	If the last two digits is divisible by 4
5	If the last digit is 0 or 5
6	If the number is divisible by 2 and 3
7	cross off last digit, double it and subtract. Repeat if you want. If new number is divisible by 7, the original number is divisible by 7
8	If last 3 digits is divisible by 8
9	If the sum of the digits is divisible by 9
10	If the last digit is 0
11	Subtract the last digit from the number formed by the remaining digits. If new number is divisible by 11, the original number is divisible by 11
12	If the number is divisible by 3 and 4

1. **Check whether 3456 is divisible by 2?**

2. **Check whether 8577 is divisible by both 3 and 9?**

3. **Check whether 40800 is divisible by:**

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i) 5 ii) 10 iii) 25

4. Is 2584 divisible by both 2 and 4?

5. Check which of the following numbers are divisible by 5 or 10 or both of them?

   (i) 545

   (ii) 8795

   (iii) 3400

   (iv) 6490

   (v) 45220

6. Is 9486 divisible by 9?

7. Check whether 1302 is divisible by 6?

8. Check whether 52563744 is divisible by 3.

9. Check if 525 is divisible by 5.

10. Check if 626 is divisible by 2.