4-1 Divisibility and Factors

An integer is divisible by:

2 if it ends in an even number (0,2,4,6,8)

3 if the sum of the digits is divisible by 3

4 if the last two digits formed is divisible by 4

5 if it ends in 0 or 5

6 if the number is even and divisible by 3

9 if the sum of the digits is divisible by 9

10 if the number ends in 0

Example:

432

2 - yes it's even, ends in 2

3 - 4+3+2 = 9 ÷ 3 = 3 Yes

4 - 32 ÷ 4 = 8 yes

5 - No doesn't end in 5 or 0

6 - Yes if 2 and 3 are yes

9 - 4+3+2 = 9 ÷ 9 = 1 Yes

10 - No, doesn't end in 0