

## Divisibility Rules

### **Divisibility Test for 2**

An integer is divisible by 2 if and only if its units digit is divisible by 2 (i.e. its units digit is even).

### **Divisibility Test for 3**

An integer is divisible by 3 if and only if the sum of its digits is divisible by 3.

### **Divisibility Test for 4**

An integer is divisible by 4 if and only if the last two digits of the integer represent a number divisible by 4.

### **Divisibility Test for 5**

An integer is divisible by 5 if and only if its units digit is divisible by 5 (i.e. its units digit is 0 or 5).

### **Divisibility Test for 6**

An integer is divisible by 6 if and only if it is divisible by both 2 and 3.

### **Divisibility Test for 8**

An integer is divisible by 8 if and only if the last three digits of the integer represent a number divisible by 8.

### **Divisibility Test for 9**

An integer is divisible by 9 if and only if the sum of its digits is divisible by 9.

### **Divisibility Test for 10**

An integer is divisible by 10 if and only if its units digit is divisible by 10 (i.e. its units digit is 0).