

# DIVISION HINTS

**DIVISIBLE BY 2**

When a number is even (ending in 0, 2, 4, 6, or 8).

**DIVISIBLE BY 3**

When the sum of a number's digits is divisible by 3.

Example: 462  $4+6+2=12$

**DIVISIBLE BY 4**

When a number's last two digits are divisible by 4.

Example: 12,624 ends in 24.

**DIVISIBLE BY 5**

When a number ends in 0 or 5.

**DIVISIBLE BY 6**

When a number is divisible by both 2 and 3.  
Example: 9,042 is divisible by 2 and 3.

**DIVISIBLE BY 8**

When the last three digits of a number are divisible by 8.

Example: 7,168 ends in 168.

**DIVISIBLE BY 9**

When the sum of a number's digits is divisible by 9.

Example: 5,643  $5+6+4+3=18$

**DIVISIBLE BY 10**

When a number ends in 0.

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When a number ends in 0.