

DIVISIBILITY RULES

Divisible by	Rule	Example
2	The last digit is even. (2,4,6,8, or 0)	$\begin{array}{r} 5\cancel{4} \\ 4 \text{ is even} \end{array}$
3	The sum of the digits is divisible by 3.	$\begin{array}{r} 36 \\ (3+6=9) \\ (9\div 3=3) \end{array}$
4	The last two digits are divisible by 4.	$\begin{array}{r} 5\cancel{24} \\ (24\div 4=6) \end{array}$
5	The number ends with a 5 or a 0.	$\begin{array}{r} 5\cancel{5} \text{ OR } 4\cancel{0} \end{array}$
6	The number is divisible by BOTH 2 & 3.	$\begin{array}{r} 4\cancel{8} \\ 8 \text{ is even} \\ (4+8=12) \quad (12\div 3=4) \end{array}$
9	The sum of the digits is divisible by 9.	$\begin{array}{r} 72 \\ (7+2=9) \\ (9\div 9=1) \end{array}$
10	The number ends in 0.	$\begin{array}{r} 6\cancel{0} \end{array}$

DIVISIBILITY RULES

Divisible by	Rule	Example
2	The last digit is even. (2,4,6,8, or 0)	$\begin{array}{r} 5\cancel{4} \\ 4 \text{ is even} \end{array}$
3	The sum of the digits is divisible by 3.	$\begin{array}{r} 36 \\ (3+6=9) \\ (9\div 3=3) \end{array}$
4	The last two digits are divisible by 4.	$\begin{array}{r} 5\cancel{24} \\ (24\div 4=6) \end{array}$
5	The number ends with a 5 or a 0.	$\begin{array}{r} 5\cancel{5} \text{ OR } 4\cancel{0} \end{array}$
6	The number is divisible by BOTH 2 & 3.	$\begin{array}{r} 4\cancel{8} \\ 8 \text{ is even} \\ (4+8=12) \quad (12\div 3=4) \end{array}$
9	The sum of the digits is divisible by 9.	$\begin{array}{r} 72 \\ (7+2=9) \\ (9\div 9=1) \end{array}$
10	The number ends in 0.	$\begin{array}{r} 6\cancel{0} \end{array}$

DIVISIBILITY RULES

Divisible by	Rule	Example
2	The last digit is even. (2,4,6,8, or 0)	$\begin{array}{r} 5\cancel{4} \\ 4 \text{ is even} \end{array}$
3	The sum of the digits is divisible by 3.	$\begin{array}{r} 36 \\ (3+6=9) \\ (9\div 3=3) \end{array}$
4	The last two digits are divisible by 4.	$\begin{array}{r} 5\cancel{24} \\ (24\div 4=6) \end{array}$
5	The number ends with a 5 or a 0.	$\begin{array}{r} 5\cancel{5} \text{ OR } 4\cancel{0} \end{array}$
6	The number is divisible by BOTH 2 & 3.	$\begin{array}{r} 4\cancel{8} \\ 8 \text{ is even} \\ (4+8=12) \quad (12\div 3=4) \end{array}$
9	The sum of the digits is divisible by 9.	$\begin{array}{r} 72 \\ (7+2=9) \\ (9\div 9=1) \end{array}$
10	The number ends in 0.	$\begin{array}{r} 6\cancel{0} \end{array}$