

Divisibility Rules

Name: _____ Score: _____

Fill in the boxes and answer with either 'yes' or 'no'.

Divisible by 2 ?	
56	
101	
250	
3,077	
22,098	

Divisible by 3 ?	
66	
113	
255	
3,078	
10,125	

Divisible by 4 ?	
82	
116	
114	
3,072	
16,164	

Divisible by 2: if a number ends on zero, 2, 4, 6 or 8

Divisible by 3: if the sum of a number's digits is a multiple of 3

Divisible by 4: if a number's last 2 digits are a multiple of 4

Divisible by 5 ?	
74	
125	
280	
1,090	
24,013	

Divisible by 6 ?	
72	
112	
246	
2,208	
17,333	

Divisible by 9 ?	
89	
117	
414	
6,021	
99,899	

Divisible by 5: if a number ends on a 5 or a zero

Divisible by 6: if a number is divisible by both 2 and 3

Divisible by 9: if the sum of a number's digits is a multiple of 9

Answers

Fill in the boxes and answer with either 'yes' or 'no'.

Divisible by 2 ?	
56	yes
101	no
250	yes
3,077	no
22,098	yes

Divisible by 3 ?	
66	yes
113	no
255	yes
3,078	yes
10,125	yes

Divisible by 4 ?	
82	no
116	yes
114	no
3,072	yes
16,164	yes

Divisible by 2: if a number ends on zero, 2, 4, 6 or 8

Divisible by 3: if the sum of a number's digits is a multiple of 3

Divisible by 4: if a number's last 2 digits are a multiple of 4

Divisible by 5 ?	
74	no
125	yes
280	yes
1,090	yes
24,013	no

Divisible by 6 ?	
72	yes
112	no
246	yes
2,208	yes
17,333	no

Divisible by 9 ?	
89	no
117	yes
414	yes
6,021	yes
99,899	no

Divisible by 5: if a number ends on a 5 or a zero

Divisible by 6: if a number is divisible by both 2 and 3

Divisible by 9: if the sum of a number's digits is a multiple of 9