

Name

Date



# DIVISIBILITY RULES SHEET 1

NUMBER	DIVISIBLE BY 1	DIVISIBLE BY 5	DIVISIBLE BY 10
22	yes	no	no
35			
80			
77			
45			
120			
93			
184			
150			
263			
300			
195			
324			
170			
416			
753			
465			
390			
1425			
1107			
3130			
4108			
2205			

## CHALLENGE

Can you find a number between 163 and 184 which is divisible by 1, 5 and 10?



Name

Date



# DIVISIBILITY RULES SHEET 1 ANSWERS

NUMBER	DIVISIBLE BY 1	DIVISIBLE BY 5	DIVISIBLE BY 10
22	yes	no	no
35	<u>Y</u>	<u>Y</u>	<u>N</u>
80	<u>Y</u>	<u>Y</u>	<u>Y</u>
13.2	<u>N</u>	<u>N</u>	<u>N</u>
45	<u>Y</u>	<u>Y</u>	<u>N</u>
120	<u>Y</u>	<u>Y</u>	<u>Y</u>
93	<u>Y</u>	<u>N</u>	<u>N</u>
184	<u>Y</u>	<u>N</u>	<u>N</u>
150	<u>Y</u>	<u>Y</u>	<u>Y</u>
263	<u>Y</u>	<u>N</u>	<u>N</u>
300	<u>Y</u>	<u>Y</u>	<u>Y</u>
195	<u>Y</u>	<u>Y</u>	<u>N</u>
324	<u>Y</u>	<u>N</u>	<u>N</u>
170	<u>Y</u>	<u>Y</u>	<u>Y</u>
416	<u>Y</u>	<u>N</u>	<u>N</u>
753	<u>Y</u>	<u>N</u>	<u>N</u>
465	<u>Y</u>	<u>Y</u>	<u>N</u>
390	<u>Y</u>	<u>Y</u>	<u>Y</u>
1425	<u>Y</u>	<u>Y</u>	<u>N</u>
1107	<u>Y</u>	<u>N</u>	<u>N</u>
3130	<u>Y</u>	<u>Y</u>	<u>Y</u>
4108	<u>Y</u>	<u>N</u>	<u>N</u>
2205	<u>Y</u>	<u>Y</u>	<u>N</u>

## CHALLENGE

Can you find a number between 163 and 184 which is divisible by 1, 5 and 10?

There are 2 possibilities: 170 and 180.

