

Name

Date



DIVISIBILITY RULES SHEET 2

NUMBER	DIVISIBLE BY 1	DIVISIBLE BY 2	DIVISIBLE BY 5	DIVISIBLE BY 10
22	yes	yes	no	no
39				
48				
17.3				
75				
60				
91				
120				
132				
165				
213				
290				
374				
405				
739				
850				
536				
943				
1328				
2210				
5307				
8265				
9108				

CHALLENGE

Can you find a number between 243 and 273 which is divisible by 1, 2, 5 and 10?



Name

Date



DIVISIBILITY RULES SHEET 2 ANSWERS

NUMBER	DIVISIBLE BY 1	DIVISIBLE BY 2	DIVISIBLE BY 5	DIVISIBLE BY 10
22	yes	yes	no	no
39	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>
48	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>
17.3	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>
75	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
60	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
91	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>
120	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
132	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>
213	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>
165	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
290	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
374	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>
405	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
739	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>
850	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
536	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>
943	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>
1328	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>
2210	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
5307	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>
8265	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
9108	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>

CHALLENGE

Can you find a number between 243 and 273 which is divisible by 1, 2, 5 and 10?

There are 3 possibilities: 250, 260 and 270.

