2

A number is divisible by 2 if it ends in 0, 2, 4, 6 or 8.

962

82 788

100 000 000

39 604

4136

3

A number is divisible by 3 if the sum of its digits is divisible by 3.

79 is NOT divisible by 3 since $7 + 9 = 16$, and 3 does not go evenly into 16.

4

A number is divisible by 4 if its last two digits are divisible by 4.

679 320

$4\overline{)20}$ 5

679 320 is divisible by 4.

5

A number is divisible by 5 if it ends in 0 or 5.

840

50 005

26 040

279 364 805

6

A number is divisible by 6 if it is divisible by both 2 and 3.

48 { ends in 8; $4 + 8 = 12$

4506

ends in 6 $4 + 5 + 6 = 15$

7

There is no simple test for divisibility by 7.

8

A number is divisible by 8 if the last three digits are divisible by 8.

13 592 is divisible by 8.

13 592

$8\overline{)592}$ 74

9

A number is divisible by 9 if the sum of its digits is divisible by 9.

171

$1 + 7 + 1 = 9$

812 754

$8 + 1 + 2 + 7 + 5 + 4 = 27$

10

A number is divisible by 10 if it ends in 0.

1020 304 050

27 690

300