Practice Division

Name:_____ Date:_____

Match each divisibility number rule with its number

1. A number is divisible by _ if the last two digits form a number that is divisible by itself.

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

3. divisible by _ if its last digit is even (0, 2, 4, 6, 8).

4. A number is divisible by _ if the number formed by its last three digits is divisible by itself.

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

6. A number is divisible by _ if it ends in 0.

7. divisible by _ if the sum of its digits is divisible by 9.

8. A number is divisible by _ if it is divisible by both 3 and 4.

9. A number is divisible by _ if its last digit is 0 or 5.

10. To check divisibility by _, alternate the difference and sum of the digits. If the result equals itself or 1, then the original number is divisible by _.

11. To check divisibility by _, take the last digit, double it, and subtract the result from the remaining number. If the result is divisible by _ (including 0), then the original number is divisible by _. Repeat the process

a) 2 b) 3 c) 4 d) 5 e) 6 f) 7 g) 8 h) 9
i) 10 j) 11 k) 12

Solution

1. C - 4
2. B - 3
3. A - 2
4. G - 8
5. E - 6
6. I - 10
7. H - 9
8. K - 12
9. D - 5
10. J - 11
11. F - 7