



Name:

Class: 5S1

Date:

WORKSHEET: MATHS DIVISIBILITY TEST

Teacher's comments:

Exercise 1: Fill in each blank with a correct letter.

$$175 : 5 = 35$$

↓ ↓ ↓
d_v_i_e_d d_i_s_r _uot_e_ _

This is a di_i_i_. We say: 175 di_id_ by 5 e_u_ s 35.

The r_m_ _nd_r is 0, then we also say 175 is di_s.bl_ by 5.

Exercise 2: Circle the correct answer.

1. The number with Ones digit 0 or 5 is divisible by:
(a) 2 (b) 3 (c) 4 (d) 5
2. The number with Ones digit 0, 2, 4, 6 or 8 is divisible by:
(a) 2 (b) 3 (c) 4 (d) 5
3. The number with Ones digit 0 is divisible by:
(a) 25 (b) 10 (c) 15 (d) 12
4. 3681 is divisible by:
(a) 4 (b) 5 (c) 9 (d) 10
5. 1170 is not divisible by:
(a) 10 (b) 9 (c) 5 (d) 4
6. Which of the following numbers is not divisible by 2?
(a) 1086 (b) 2869 (c) 3364 (d) 7000
7. Which of the following numbers is not divisible by 3?
(a) 1173 (b) 2391 (c) 3902 (d) 6048
8. Which of the following numbers is not divisible by 4?
(a) 1084 (b) 3516 (c) 3328 (d) 7001
9. Which of the following numbers is not divisible by 10?
(a) 2015 (b) 3000 (c) 4170 (d) 8990

10. Which of the following numbers is divisible by 9?

11. Which of the given numbers is/are divisible by 2, 5 and 10?

Exercise 3: Solve word problems.

1. A farmer wants to plant 815 crops in the field. Can he plant them in rows having 7 plants each without any plants left?

2. If the capacity of a carton is 12 mugs. Can we fit 156 mugs into those cartons without any left out?



3. There are 80 students in a class. Can the teacher make them sit in rows of having 6 students in each row?

4. 9 friends have gone to a restaurant for lunch. If the total bill amount is \$648, can it be divided equally among all the friends? If yes, what would be the share of each person?

5. In a trip, teacher asks students to queue to go on a bus. All students can line up in 2, 3, 4, 6 or 8 equal lines. Find the number of students in that class, given that the number is smaller than 48.

6. In a farm, all pigs weigh $\overline{2017ab}$ kg in total. Find out this total weight, given that it is divisible by 2, 5 and 9.

7. How many numbers between 100 and 200 that are divisible by 3?