



Name:

Class: 5S1

Date:

WORKSHEET: MATHS DIVISIBILITY TEST

Teacher's comments:

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

$$175 : 5 = 35$$

\downarrow \downarrow \downarrow
d_v_i_e_d d_i_s_r _u_o_t_e_

This is a d_i_i_i_. We say: 175 d_i_i_d_ by 5 e_u_s 35.

The r_m_nd_r is 0, then we also say 175 is d_i_s_b_l_ 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?

- (a) 1284 (b) 3510 (c) 4328 (d) 7301

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

- (a) 235 (b) 350 (c) 342 (d) 401

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 $2017ab$ 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?