

WorksheetCloud: WORKSHEET

Grade: 3

Subject: Maths

Topic: Multiples, Factors and Prime Numbers

1. Match the meanings with the words in the box.

Prime Numbers Factors Multiples

The numbers we get when we multiply 2 numbers together.

The numbers we multiply together to get another number.

The numbers that only have 2 factors, 1 and themselves.

2. Complete the following.

a. List the first 5 multiples of 6. _____

b. List the first 5 multiples of 10. _____

c. What are all the factors of 12? _____

d. What are all the factors of 18? _____

e. Put a ✓ or a X in the box to show which of these numbers are Prime Numbers or not. ✓ = yes X = no

i. 2 ii. 7 iii. 10 iv. 13 v. 15 vi. 9

vii. 18 viii. 21 ix. 19 x. 23 xi. 27 xii. 29

3. What number am I? Enjoy working out what these mystery numbers are.

a. I am even. I am a prime number. _____

b. I am an odd number. I have 3 factors. I am less than 20. _____

c. I am a 2-digit number. I have 9 factors. I am between 20 and 50.

d. I am a number less than 40. One of my factors is 7. The sum (add) of my factors is 12. _____

e. I am a prime number and a 2-digit number. I am less than 30. The difference (subtract) between my digits is 7. _____

f. I am a factor of 36. I am greater than 12 and less than 20. I am a multiple of 3. _____

g. I am a multiple of 3. I am also a multiple of 4. I am greater than 20 and less than 30. _____

h. I am a 2-digit number. I have 10 factors. I am less than 50. _____