Week 7- Thursday - 15th February 2022

Topic: Whole Numbers (3)
Sub-topic: Factors
Objectives: 1. Determine if a 1-digit whole number is a factor of another whole number by division
2. Recognise that if c=a x b, then a and b are factors of c, where a, b and c are whole numbers
3. List the factors of a whole number (up to 100)

1. WATCH THE YOUTUBE: FACTOR RAINBOWS

2. WATCH THE YOUTUBE: INTRODUCTION OF FACTORS (FACTORS AND DIVISIBILITY)

Teacher Dianawati
Year 4

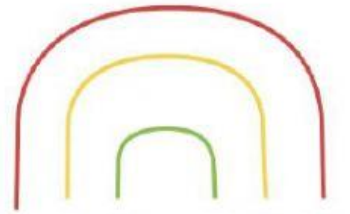
LIVEWORKSHEETS

Factor Rainbows

Name:_____ Date:_____

Example

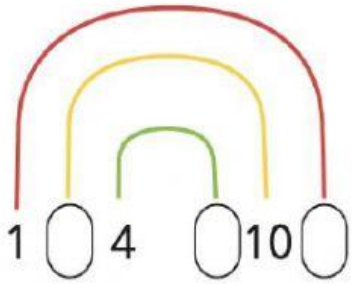
18



Factors of 18: 1, 2, 3, 6, 9, 18

Try It!
Fill the missing factors to complete the rainbow

20



Factors of 20: _____

Make a factor rainbow for each of the numbers below.

a. 10 Factors of 10: _____	**B.** 24 Factors of 24: _____
a. 30 Factors of 30: _____	**B.** 45 Factors of 45: _____

LIVEWORKSHEETS

Factors: Product Strategy

ES1

Complete the product strategy to find the factors of each number.

1) 36

$\square \times 36 = 36$

$2 \times \square = 36$

$\square \times 12 = 36$

$4 \times \square = 36$

$\square \times 6 = 36$

The factors of 36 are _____

_____

2) 12

$1 \times \square = 12$

$\square \times 6 = 12$

$3 \times \square = 12$

The factors of 12 are _____

_____

3) 28

$1 \times \square = 28$

$2 \times \square = 28$

$\square \times 7 = 28$

The factors of 28 are _____

_____

4) 45

$\square \times 45 = 45$

$\square \times 15 = 45$

$5 \times \square = 45$

The factors of 45 are _____

_____

5) Write your own product strategy to find the factors of 50.

The factors of 50 are _____

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