

DISNEY KINDERGARTEN AND PRIMARY SCHOOL

P.4 MATH PACKAGE – WEEK TWO - FOUR (30th March – 14th April 2020)

Monday, 30th March 2020

Name of pupil: _____

Multiplication as repeated addition

Example:

$$(a) \quad 4 \times 2 = 2 + 2 + 2 + 2 \\ = \underline{\underline{8}}$$

$$(b) \quad 3 + 3 + 3 + 3 = 4 \times 3 \\ = \underline{\underline{12}}$$

ACTIVITY:

Use repeated addition to multiply the following: -

(i) $3 \times 2 =$

Complete

(ii) $6 \times 4 =$

a) $1 + 1 + 1 + 1 + 1 =$

(iii) $4 \times 3 =$

b) $2 + 2 + 2 + 2 =$ _____ $\times$ _____

(iv) $5 \times 3 =$

c) $4 + 4 + 4 + 4 =$ _____ $\times$ _____

(v) $8 \times 2 =$

d) $3 + 3 + 3 + 3 + 3 =$ _____ $\times$ _____

(vi) $7 \times 4 =$

e) $8 + 8 =$ _____ $\times$ _____

(vii) $2 \times 6 =$

f) $9 + 9 + 9 =$ _____ $\times$ _____

(viii) $9 \times 3 =$

g) $5 + 5 + 5 + 5 =$

(ix) $11 \times 3 =$

h) $10 + 10 + 10 =$

(x) $5 \times 12 =$

i) $6 + 6 + 6 =$

j) $7 + 7 + 7 + 7 =$

Tuesday, 31st March 2020

Name of pupil: _____

SUB TOPIC: DIVISION

CONTENT: DIVISION AS REPEATED SUBTRACTION

Activity

Counting numbers that have been divided

Example

$$\begin{array}{rcl} 1. \quad 12 \div 3 = 12 - 3 = & \left. \begin{array}{l} 9 \\ 6 \\ 3 \\ 0 \end{array} \right\} & \begin{array}{l} \text{count the number of times you subtracted 3 from the} \\ \text{dividend until you get "0" as the answer} \\ \therefore 12 \div 3 = 4 \text{ times} \end{array} \end{array}$$

ACTIVITY: Exercise

Divide;

1. $15 \div 5 =$

6. $24 \div 6 =$

2. $25 \div 5 =$

7. $30 \div 3 =$

3. $8 \div 4 =$

8. $14 \div 7 =$

4. $12 \div 3 =$

9. $100 \div 25 =$

5. $18 \div 3 =$

10. $60 \div 10 =$

Wednesday, 1st April 2020

Name of pupil: _____

TOPIC: OPERATION ON NUMBERS

SUB TOPIC: DIVISION WITHOUT REMAINDER

Dividing numbers with long division

Mental work.

- a. What is the value of 3 twos?
- b. Find the area of the rectangle if its length is 4cm and the width is 3cm.
- c. What is 4 and 3 less?
- d. What is 9 and 6 less?
- e. What is the sum of first 4 odd numbers?

CONTENT:

Example 1: Divide 4804 by 4.

$$\begin{array}{r} 1201 \\ \sqrt{4804} \\ 4 \overline{) 4804} \\ \underline{4} \\ 08 \\ \underline{08} \\ 0 \\ \underline{0} \\ 4 \\ \underline{4} \\ 0 \end{array}$$

1 x 4 = 4

2 x 4 = 8

1 x 4 = 4

Example 2: 124 ÷ 4

$$\begin{array}{r} 31 \\ \sqrt{124} \\ 3 \times 4 = 12 \\ \underline{12} \\ 4 \\ \underline{4} \\ 0 \end{array}$$

ACTIVITY: Exercise 3.19 umbers 1 – 5 page 54 (Mk Primary Math 2019 Edition).

This image shows a blank sheet of white paper with horizontal ruling lines. Two vertical black lines are drawn near the center of the page, creating a narrow central column. The lines extend from the top edge to the bottom edge of the page. There are no markings or text on the paper.

Thursday, 2nd April 2020

Name of pupil: _____

SUBTOPIC : WORD PROBLEMS INVOLVING DIVISION WITHOUT REMAINDERS

Activity

Reading word problems

Using long division

CONTENT : Examples

1. There are 120 oranges in 2 bags. How many oranges are in each bag?

Divide

Example 1:

$$\begin{array}{r}
 060 \\
 \hline
 2 \overline{) 120} \\
 \underline{12} \\
 6 \times 2 = 12 \\
 \underline{12} \\
 0 \times 2 = 0
 \end{array}$$

Each bag has 60 oranges

Example 2

Divide 246 text books among 3 classes

$$\begin{array}{r} 082 \\ 3 \overline{) 246} \\ \underline{0 \times 3 = 0} \\ 24 \\ \underline{8 \times 3 = 24} \\ 6 \\ \underline{2 \times 3 = 6} \\ 0 \end{array}$$

Each gets 82 books.

Exercise: Exercise 3.20 MK Primary Mathematics book 4 page 55. 2019 Edition.

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Name of pupil: _____

LESSON 35

SUB TOPIC: DIVISION WITH REMAINDERS

Activity

Dividing using long division

Multiplying and subtracting.

CONTENT: Examples

Example : Divide 38148 by 5.

$$\begin{array}{r} 7629 \\ 5 \overline{) 38148} \\ \underline{1 \times 5 = 5} \\ 38 \\ \underline{2 \times 5 = 10} \\ 38 \\ \underline{7 \times 5 = 35} \\ 31 \\ \underline{6 \times 5 = 30} \\ 14 \\ \underline{2 \times 5 = 10} \\ 48 \\ \underline{9 \times 5 = 45} \\ 3 \end{array}$$

$\therefore 38148 \div 5 = 7629 \text{ rem } 3$

ACTIVITY:

Divide the following: -

1. 1516 by 5 =

2. 2425 by 3 =

3. 1212 by 5 =

1. 135 by 2 =

3. 1212 by 7

2. 215 by 4 =

4. 606 by 2

Name of pupil: _____

SUB-TOPIC: DIVISION BY 10

Mental work.

- a. How many items make up two dozens?
- b. Convert 7m to centimeters
- c. How many items make up 2 pairs?
- d. How many $\frac{1}{2}$ litre bottles of water can be got from a two litre jerry can?
- e. Solve $x + 3 = 7$

Example:

(i) $650 \div 10$

$$= \frac{650}{10}$$

$\therefore 650 \div 10 = 65.$

(ii) $420 \div 10$

$$= \frac{420}{10}$$

$\therefore 420 \div 10 = 42.$

ACTIVITY :

(i) $200 \div 10 =$

(v) $640 \div 10 =$

(ii) $370 \div 10 =$

(vi) $280 \div 10 =$

(iii) $810 \div 10 =$

(vii) $480 \div 10 =$

(iv) $340 \div 10 =$

(viii) $560 \div 10 =$

Name of pupil: _____

SUB-TOPIC: AVERAGE

Activity : Adding and dividing

Finding average or mean of numbers

Examples

- (i) Find the average of 0, 2 and 4

$$\text{Average} = \frac{\text{Total}}{\text{Number of items}} = \frac{0 + 2 + 4}{3} = \frac{6}{3} = 2$$

- (ii) Find the average age of three girls one of 8 years, another of 10 years and the third girl of 9 years.

Total age = 8 years + 9 years = 27 years.

$$\text{Average} = \frac{\text{Total age}}{\text{No. of children}} = \frac{(8 + 9 + 10) \text{ years}}{3}$$

$$= \frac{27 \text{ years}}{3} = 9 \text{ years}$$

Exercise:

Find the average of the following numbers;

1. 3, 2, 4

2. 6, 0, 3, 4, 2

3. 2, 4, 6

4. Jane scored the following marks; 8, 10, and 6. What was her average mark?

5. The ages of four boys in a class were 8, 9, 13 and 6. Find their average age.

Wednesday, 8th April 2020

Name of pupil: _____

TOPICAL TEST

1. Add: $321 + 19$.
2. Okello is 14 years. John is 16 years. What is their total age?
3. Subtract: 43 from 77.
4. Find the sum of 16 and 29.
5. What is the difference between 96 and 59?
6. Multiply:
$$\begin{array}{r} 146 \\ \times 2 \\ \hline \end{array}$$
7. Divide: $7 \overline{)202}$
8. A bus carries 80 passengers in a day. How many passengers will it carry in a week?
9. A school got 243 points in sports and 90 points in cleanliness. How many points did it get altogether?
10. (a) Subtract 20 from 100.

(b) What is the difference between 905 and 357?

11. (a) Express XLVI in Hindu Arabic numerals.

(b) Andrew is 29-year-old. Express his age in roman numerals.

12. Add the values of 5 and 3 in the number 34857.

13. Find the average of 0, 1, 2, 3, 4

Name of pupil: _____

TOPIC : NUMBER PATTERNS AND SEQUENCES

SUB-TOPIC : TYPES OF NUMBERS

CONTENT : Even and odd numbers

Examples: 0, 2, 4, 6, 8

Note: Any number ending with 0, 2, 4, 6, 8 is an even number.

Odd numbers are numbers if divided by two leave us with 1 as a remainder.

Example 1, 3, 5, 7, 9

Note: All numbers that have their last digit as 1, 3, 7, 9 are odd numbers.

ACTIVITY:

Identify the odd numbers and even numbers from the given numbers.

a) **1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12**

Odd numbers ____, ____, ____, ____, ____

Even numbers ____, ____, ____, ____, ____, ____

b) **13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23**

Odd numbers ____, ____, ____, ____, ____

Even numbers ____, ____, ____, ____, ____, ____

c) **30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43**

Odd numbers ____, ____, ____, ____, ____

Even numbers ____, ____, ____, ____, ____, ____

Name of pupil: _____

SUB TOPIC: More about Even and odd numbers.

- Counting even and odd numbers in a given set of instruction.

Examples:

(i) How many even numbers are there between 10 and 20?

Even numbers between 10 and 20 = { 12, 14, 16, 18}

∴ Even numbers between 10 and 20 are 4.

(ii) How many odd numbers are there between 0 – 10?

= { 1, 3, 5, 7, 9}

There are 5 odd numbers.

Exercise:

1. How many even numbers are there between 6 and 12?

2. How many odd numbers are there between 1 and 7?

3. How many even numbers are there between 30 and 40?

4. How many odd numbers are there between 15 and 25?