

The Primary Stage of Grades (4-5) Second Semester 2022 - 2023

Name: _____

Subject: Mathematics

Date: / /

Worksheet (1)

Class: Grade 5 (C, D,E,F &G)

Objective:

- To divide a three- or more digit number by one –or two-digit number.
- Divide decimal numbers by 1 –digit number.
- Solve word problems.

1) Find the quotient of the following questions:

$$6 \overline{) 859}$$

$$8 \overline{) 402}$$

$$9 \overline{) 157}$$

$$7 \overline{) 2592}$$

$$7 \overline{) 8109}$$

$$3 \overline{) 8881}$$

$$\underline{8} \overline{) 3476}$$

$$\underline{2} \overline{) 9007}$$

$$\underline{5} \overline{) 4309}$$

$$\underline{4} \overline{) 177}$$

$$\underline{8} \overline{) 29047}$$

$$\underline{6} \overline{) 1707}$$

$$\begin{array}{r} 34 \overline{) 9704} \end{array}$$

$$\begin{array}{r} 53 \overline{) 7498} \end{array}$$

$$\begin{array}{r} 21 \overline{) 9640} \end{array}$$

$$\begin{array}{r} 16 \overline{) 2991} \end{array}$$

$$\begin{array}{r} 86 \overline{) 9775} \end{array}$$

$$\begin{array}{r} 25 \overline{) 3667} \end{array}$$

$$\begin{array}{r} 26 \overline{) 5630} \end{array}$$

$$\begin{array}{r} 49 \overline{) 9634} \end{array}$$

$$\begin{array}{r} 64 \overline{) 8780} \end{array}$$

$$\sqrt[9]{743.4}$$

$$\sqrt[4]{672.32}$$

$$\sqrt[5]{308.95}$$

$$\sqrt[3]{80.82}$$

$$\sqrt[6]{570.24}$$

$$\sqrt[2]{135.94}$$

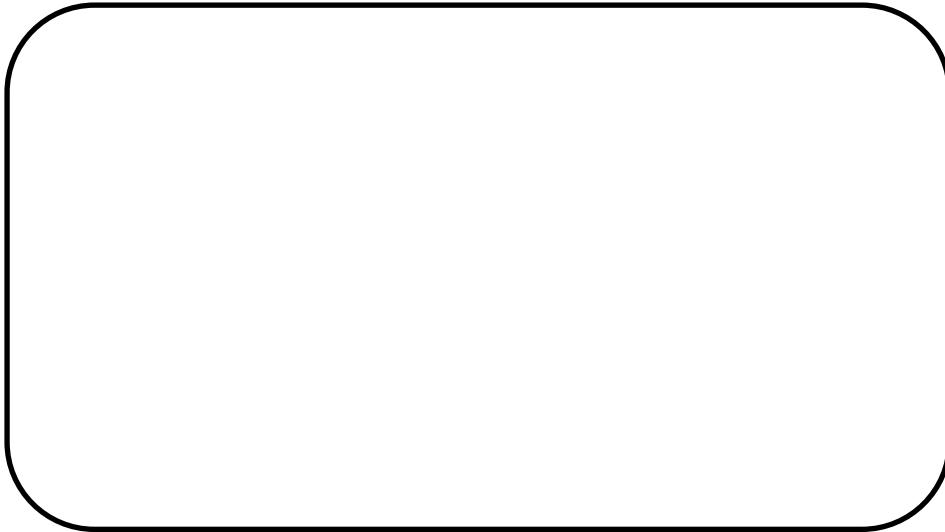
2) A multi-level parking lot has 6 levels and there are total of 1,327 parking spots.

a. There are 162 parking spots on the first level. The rest of the parking spots are distributed equally on the other 5 levels. How many parking spots are there on the top level?

b. On each level, there are 12 spots close to the 3 elevators reserved for drivers with disabilities. How many parking spots are reserved for drivers with disabilities altogether?

c. Other than the spots reserved for drivers with a disability, there are 285 parking spots for monthly rentals and the rest are for hourly parking. How many spots are there for hourly parking?

3) If four pairs of trousers cost £25, how much does one pair cost?



4) There are 600 students at the school , 290 of them are boys .
If each classroom holds 30 students, how many classrooms
are needed at the school ?



5) Terrance earned \$444 in March, \$523 in April and \$410 in May. He divided his earnings between himself and his 4 other workers. How much did they each earn?

A large, empty rounded rectangular box with a black border, intended for the student to write their answer to question 5.



6) There were 129 children and 10 adults going on the school trip in buses. Each bus seated 25 people. How many buses are needed?

A large, empty rounded rectangular box with a black border, intended for the student to write their answer to question 6.

7) Ryan has \$ 395 . He wants to buy books.

Each book coasts \$ 24 . How many books can he buy?

A large, empty rounded rectangular box intended for the student to write their answer to question 7.

8) A group of 238 people go to a restaurant.

Each table can seat 8 people .

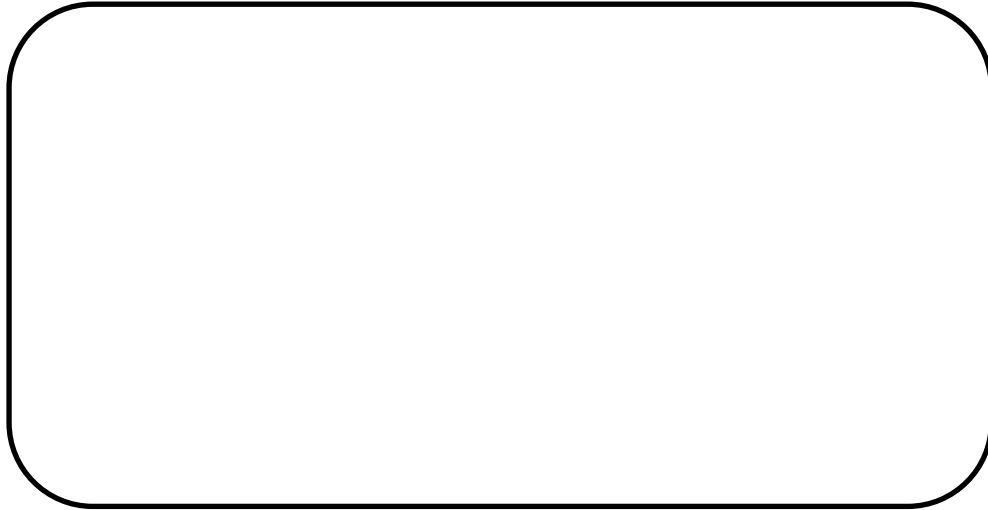
How many tables do the group need ?

A large, empty rounded rectangular box intended for the student to write their answer to question 8.




9) Six identical boxes have a combined mass of 2.454 kg.

What is the mass of each box?



10) A farmer has 197 bananas. He wants to pack them into bags of eight.

How many bags does he need ?



Remember

quotient → 5
divisor → 3
dividend → 16
remainder → 1

$$\begin{array}{r} 5 \\ 3 \overline{) 16} \\ \underline{15} \\ 1 \end{array}$$

Steps for Long Division

 **Daddy (divide)**
$$\begin{array}{r} 3 \\ 2 \overline{) 68} \\ \underline{6} \\ 08 \end{array} \quad 6 \div 2 = 3$$

 **Mommy (multiply)**
$$\begin{array}{r} 3 \\ 2 \overline{) 68} \\ \underline{6} \\ 08 \end{array} \quad 3 \times 2 = 6$$

 **Sister (subtract)**
$$\begin{array}{r} 3 \\ 2 \overline{) 68} \\ \underline{-6} \\ 08 \end{array}$$

 **Brother (bring down)**
$$\begin{array}{r} 3 \\ 2 \overline{) 68} \\ \underline{-6} \\ 08 \end{array}$$

 **Rex (remainder)**
$$\begin{array}{r} 34 \\ 2 \overline{) 68} \\ \underline{-6} \\ 08 \\ \underline{-8} \\ 0 \end{array}$$

 **Cocoa (check answer)**
 $34 \times 2 \text{ should} = 68!$