

The Primary Stage of Grades (4-5)
School Year 2022- 2023

Name: Key
Date: / 2 / 2023

Subject: Math
Grade 4CP (C,D,E,F& G)

Worksheet (2)

Objective: Solve multi step word problems.
Decide whether to round the answer up or down.



1) Tania made 688 cookies.

a) She wants to put them in boxes. She can put 9 cookies in one box.
How many boxes does she need to put all the cookies?

$$\begin{array}{r} \times 76 \\ 9 \overline{) 688} \\ \underline{-631} \\ 58 \\ \underline{-54} \\ 4 \end{array}$$

she'll have
76 boxes each w/ 9 cookies
and 1 box w/ 4 cookies
So she'll need
77 boxes
To put all the



b) How many full boxes she will have?

she'll have 76 full boxes.

c) If she wants to sell the boxes, each box will be sold for \$13.

How much money will she make?

$$\begin{array}{r} \textcircled{1} \\ 76 \\ \times 13 \\ \hline 228 \\ + 760 \\ \hline 988 \end{array}$$

\$988 she'll make

2) Alex says: "My quotient to a division problem is 75, the divisor is 9 and the remainder is 3. What is the dividend?"

$$\begin{array}{r} \textcircled{4} \\ \times 75 \\ 9 \\ \hline 675 \\ 3+ \\ \hline 678 \end{array}$$

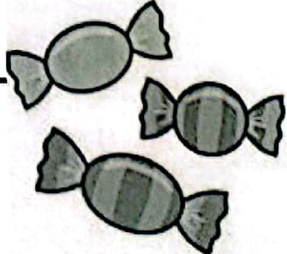
Check

$$\begin{array}{r} \times 75 \\ 9 \overline{) 678} \\ \underline{-63} \\ 48 \\ \underline{-45} \\ 3 \end{array}$$

divisor 9 quotient 75

3 Remainder

3) Sandy received four pieces of candy from her brother and two pieces from her older sister. If she only ate three pieces a day, how long would the candy last her?

$$4 + 2 = 6$$
$$6 \div 3 = 2 \text{ days}$$


4) Shery was organizing a school trip. She needed vans for transportation. There were 171 children, 22 teachers & 13 parents. A van could take 9 passengers. How many vans would she need?

$$\begin{array}{r}
 171 \text{ children} \\
 + 22 \text{ Teacher} \\
 + 13 \text{ parents} \\
 \hline
 206 \text{ people in} \\
 \text{Total}
 \end{array}$$

$$\begin{array}{r}
 \times 22 \\
 9 \overline{) 206} \\
 \underline{-18} \downarrow \\
 26 \\
 \underline{-18} \\
 8 \text{ people left}
 \end{array}$$



So 23 Vans are needed

5) Sam and his friends are going to an amusement park, they collected \$300. They want to buy entrance fee tickets, each ticket costs \$7. How many tickets can be bought?

$$\begin{array}{r}
 \times 42 \\
 7 \overline{) 300} \\
 \underline{-28} \downarrow \\
 20 \\
 \underline{-14} \\
 6
 \end{array}$$



\$6 left can't buy another ticket.

So 42 Tickets can be bought.

6) Kim made eight dollars an hour per week from mowing lawns and five dollars an hour per week from delivering newspapers. If he mowed lawns for four hours per week and delivered newspapers for six hours per week.

- a) How much money did he make in total per week from mowing the lawn and delivering newspapers?



mowing lawn

$$\$8 \times 4 \text{ hrs}$$

$$\$32$$

Delivering newspapers

$$\$5 \times 6 \text{ hrs.}$$

$$\$30$$

$$30 + 32 = \$62 \text{ in total he'll make}$$

- b) If he only spends nine dollars a week. How many weeks would the money last him?

$$\begin{array}{r} \times 6 \\ 9 \overline{) 62} \\ \underline{54} \\ 8 \end{array}$$

6 weeks, each week will spend \$9.