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

Name: **Key**

Date: / /

Subject: Math

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

Extra practice

A) Find the following: Showing your work: (Simplify ÷ then multiply)

1) $\dfrac{2}{3}$ of $18 =$ ⑫

$\times 2 \left(\dfrac{1}{3} \times 18 = 6 \right) \times 2$

$\dfrac{3}{8} \times 18 = 12$

2) $\dfrac{5}{7}$ of $49 =$ ㉟

$\times 5 \left(\dfrac{1}{7} \times 49^{7} = 7 \right) \times 5$

$\dfrac{5}{7} \times 49 = 35$

3) $\dfrac{3}{5}$ of $60 =$ ㊱

$\dfrac{3}{5} \times 60 = \dfrac{3 \times 60^{12}}{5} = 3 \times 12 = 36$

4) $\dfrac{6}{9}$ of $81 =$ ㊴

$\dfrac{6}{9} \times 81 = \dfrac{6 \times 81^{9}}{9} = 6 \times 9 = 54$

5) $\dfrac{5}{7}$ of $280 =$ ㉒⓪⓪

$\left(\dfrac{1}{7} \times 280 = \dfrac{280}{7} = 40 \right) \times 5$

$\dfrac{5}{7} \times 280 = 200$

6) $\dfrac{4}{8}$ of $64 =$ ㉜

$\dfrac{1}{2}$ of $64 = \dfrac{64}{2} = 32$

7) $\dfrac{3}{9}$ of $63 =$ ㉑

$\dfrac{3}{9} \times 63 = \dfrac{3 \times 63^{7}}{9} = 3 \times 7 = 21$

8) $\dfrac{7}{9}$ of $45 =$ ㉟

$\times 7 \left(\dfrac{1}{9} \times 45 = 5 \right) \times 7$

$\dfrac{7}{9} \times 45 = 35$

9) $\frac{4}{9}$ of 72 = $\boxed{32}$

$\frac{1}{9} \times 72 = \frac{72}{9} = 8$ ⟩ × 4

$\frac{4}{9} \times 72 = \boxed{32}$

×4

10) $\frac{6}{8}$ of 40 = $\boxed{30}$

$\frac{6}{8} \times 40 = \frac{6 \times 40}{8}$

$= 6 \times 5$

$= 30$

B) Answer the following.

1) There were 15 children going on a field trip.

A bus can hold $\frac{2}{3}$ of the children.

How many children can the bus hold?

$\frac{2}{3} \times 15 = \frac{2 \times 15}{3} = 2 \times 5$

$= 10$ children the bus can hold.

2) Qais entered a 120-word story competition. He wrote his story over 2 days. On the first day he wrote $\left(\frac{4}{6}\right)$ and on the second day he wrote the rest.

a) How many words did he write on the first day?

$\frac{4}{6}$ of 120 = $\frac{4}{6} \times 120 =$

×4 ⟨ $\frac{1}{6} \times 120 = \frac{120 \times 1}{6} = 20$

$\frac{4}{6} \times 120 =$ ⟩ × 4

80

$\boxed{80}$ words he wrote on the first day

b) What **fraction** represents the amount he wrote on the second day? and How many words is that?

$\frac{6}{6} - \frac{4}{6} = \frac{2}{6}$

he wrote on the Second day

$\begin{array}{r} -120 \\ \underline{80} \\ 40 \text{ words} \end{array}$

OR $\frac{2}{6} \times 120 = \frac{2 \times 120}{6}$

$= 2 \times 20$

$= 40$ words