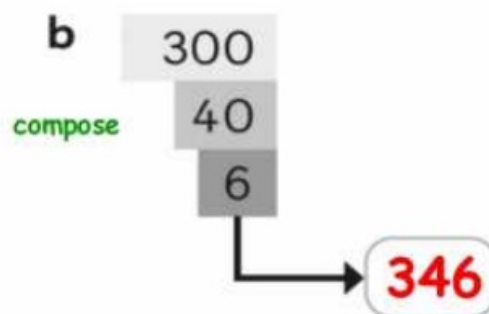
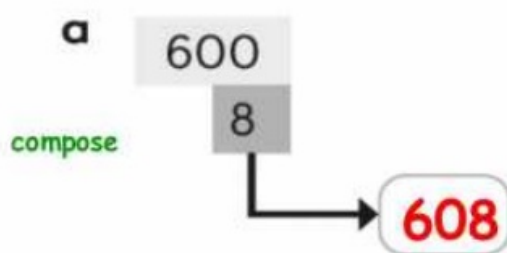


Worksheet C**Compose, Decompose and Regroup
3-Digit Numbers****Activity Book p. 20****I Find the numbers.**

decompose

a $893 = 800 + 90 + 3$

$= \overset{800}{\underset{8}{\text{8}}} \text{ hundreds} + \overset{90}{\underset{9}{\text{9}}} \text{ tens} + \underset{3}{\text{3}} \text{ ones}$

decompose

b $160 = 100 + 60$

$= \underset{100}{\underset{1}{\text{1}}} \text{ hundreds} + \underset{60}{\underset{6}{\text{6}}} \text{ tens} + \underset{0}{\text{0}} \text{ ones}$

Activity Book p. 20

3 Regroup the numbers.

Fill in the blanks.

a $503 = 300 + \textcolor{red}{203}$

b $612 = \textcolor{red}{61}^{\textcolor{blue}{610}} \text{ tens} + 2 \text{ ones}$

c $989 = 500 + \textcolor{red}{450} + 39$

Are there any other ways you can regroup 989?



4 Match.

$\textcolor{blue}{140}$
 $\textcolor{blue}{14} \text{ tens} + 5 \text{ ones}$

$400 + 130 + 6$

$\textcolor{blue}{860}$
 $\textcolor{blue}{86} \text{ tens} + 2 \text{ ones}$

$300 + 8 \text{ ones}$

$\textcolor{blue}{760}$
 $\textcolor{blue}{76} \text{ tens} \text{ and } 24 \text{ ones}$

784

536

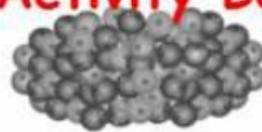
308

862

145

Activity Book
p. 21

Activity Book p. 21



- 5 Mason has ¹⁵⁰15 tens of blueberries.
His mother gives him 23 ones of blueberries.
Cherrie and Muthu want to find out the
number of blueberries Mason has in all.

It's easy! Add 15 and
23 to find the number
of blueberries Mason
has in all.



Cherrie

Decompose 15 tens into
hundreds and tens and 23 ones
into tens and ones. Add all
the hundreds, tens and ones
separately. Then compose the
numbers to find the number of
blueberries Mason has in all.



Muthu

Whose method will you use? Why?

How many blueberries does Mason have in all?

I will use Muthu's method because

Cherrie's method is wrong.

15 tens is not 15.

Mason has 15 tens = 1 hundred + 5 tens = 100 + 50 = 150

His mother gives him 23 ones = 2 tens + 3 ones = 20 + 3 = 23

15 tens + 23 ones = 1 hundred + 5 tens + 2 tens + 3 ones

1 hundred + 7 tens + 3 ones = 173

150 + 23 = 173 blueberries

Activity Book p. 22



6 Ali collects 800 toys.

He wants to donate all the toys to four different charities.

Each charity receives a different number of toys.

 Ali's house	$300 + 200$ $+ 280 + 20$	$450 + 350$ $+ 250 + 100$	$350 + 250$ $+ 150 + 100$	$400 + 300$ $+ 50 + 50$
	$400 + 200$ $+ 50 + 150$	$300 + 200$ $+ 200 + 100$	$200 + 200$ $+ 200 + 200$	$500 + 100$ $+ 100 + 100$
	$420 + 210$ $+ 108 + 70$	$380 + 220$ $+ 180 + 20$	$280 + 220$ $+ 200 + 100$	$250 + 200$ $+ 180 + 50$
	$300 + 300$ $+ 100 + 100$	$275 + 125$ $+ 100 + 50$	$200 + 150$ $+ 350 + 100$	$400 + 300$ $+ 200 + 100$
	$325 + 225$ $+ 125 - 25$	$230 + 170$ $+ 130 + 70$	$330 + 200$ $+ 190 + 80$	$350 + 250$ $+ 170 + 30$



- a Fill in the two empty boxes with 2 different ways Ali can donate the toys.