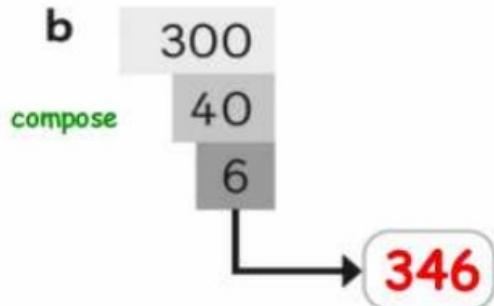
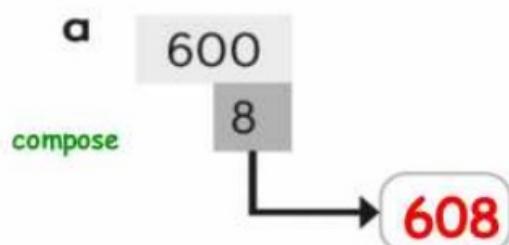


Worksheet C

Compose, Decompose and Regroup 3-Digit Numbers

I Find the numbers.



decompose
a $893 = 800 + \underline{90} + 3$

$= \underline{8}$ hundreds + $\underline{9}$ tens + $\underline{3}$ ones

decompose
b $160 = \underline{100} + \underline{60}$

$= \underline{1}$ hundreds + $\underline{6}$ tens + $\underline{0}$ ones

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Activity Book p. 20

3 Regroup the numbers.

Fill in the blanks.

a $503 = 300 + \underline{203}$

b $612 = \underline{61}$ tens + 2 ones

c $989 = 500 + \underline{450} + 39$

Are there any other ways you can regroup 989?



4 Match.

140

14 tens + 5 ones

400 + 130 + 6

860

86 tens + 2 ones

300 + 8 ones

760

76 tens and 24 ones

784

536

308

862

145

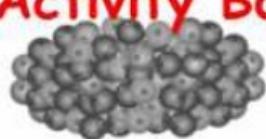
Activity Book
p. 21

Activity Book p. 21

5 Mason has 15 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 = $20 + 3 = 23$

$15 \text{ tens} + 23 \text{ ones} = 1 \text{ hundred} + 5 \text{ tens} + 2 \text{ tens} + 3 \text{ ones}$

1 hundred + 7 tens + 3 ones = 173

$150 + 23 = 173$ blueberries

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

→ 
Charities

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