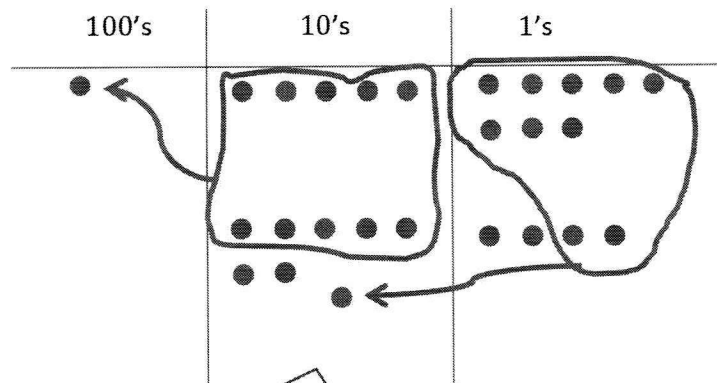## G2-M4-Lesson 20

Solve vertically. Draw chips on the place value chart and bundle, when needed.

1. $58 + 74 =$ __132__

$$
\begin{array}{ccc}
 & 5 & 8 \\
+ & 7 & 4 \\
\hline
1 & 1 & \\
1 & 3 & 2 \\
\end{array}
$$

100's	10's	1's

> I show each step I make with chips vertically using new groups below.

> I draw chips to show each addend. 8 ones plus 4 ones is 12 ones, or 1 ten 2 ones. I bundle 10 ones to make 1 ten. Now I add the tens. 5 tens plus 7 tens plus 1 more ten is 13 tens. I can bundle again! 10 tens makes 1 hundred. So, 13 tens is 1 hundred 3 tens.

2. For the box below, find and circle two numbers that add up to 160.

82   78

(88)   92

(72)

> If I add 88 and 72, I can add 8 ones and 2 ones, which is 10 ones. I can bundle ten ones to make 1 ten! Then, I can add 8 tens plus 7 tens plus 1 ten to get 16 tens, or 160.

> I see the trap; if I forgot to add another ten, I might have chosen 88 and 82 or 78 and 92.

Lesson 20:   Use math drawings to represent additions with up to two compositions and relate drawings to a written method.

EUREKA MATH