Review unit 9

When we **estimate** we round the numbers to the **nearest 10**. This makes it easier to calculate.

Example: 26 + 52 =? We round 26 to 30 and 52 to 50.

Estimate: 30 + 50 = 80

Let's practice. Can you **estimate** these calculations by **using rounding** to help you?

47 + 64 =?   71 + 19 =?

Estimate: Estimate:

33 + 55 =?   317 + 129 =?

Estimate: Estimate:

Use the column method to solve these calculations.

```
   84          75         191         286         473
+ 62        + 34        + 56       + 352       + 166
```

Now, try these. Estimate and solve.

Estimate: Estimate: Estimate:

```
  135                245                          571
+  73              + 272                        + 153
```

Regroup each number by **exchanging 1 hundred for 10 tens**. Use the two examples to help you.

Example 1: 234 = 100 + 130 + 4   **Example 2: 578 = 400 + 170 + 8**

Now, you try

452 =   763=

204 =   395 =

Use the column method to solve these problems. Don't forget to show your regrouping!

| 148 | 245 | 326 | 534 |
| - 60 | - 82 | - 71 | - 93 |

| 339 | 355 | 518 | 627 |
| - 163 | - 172 | - 248 | - 331 |

Finding the unknown value

There are 245 adults and children at the fun fair. If 122 of them are adults. How many are children?

245 - ? = 122

so ? = 123

We can use the box method to help us.

245 adults and children	
122 adults	123 children

245 – 122 = 123

Now you try!

There are 745 people are the zoo. 464 of them are adults. How many are children?

745 - ? = 464

? =

745	
464	

_____ - _____ = _____

There 289 cakes in the store. 102 cakes are sold on Tuesday. How many cakes are left?

289 - ? = 102

? =

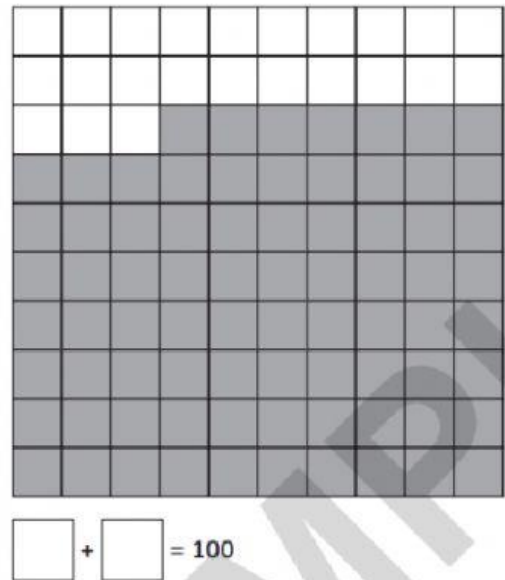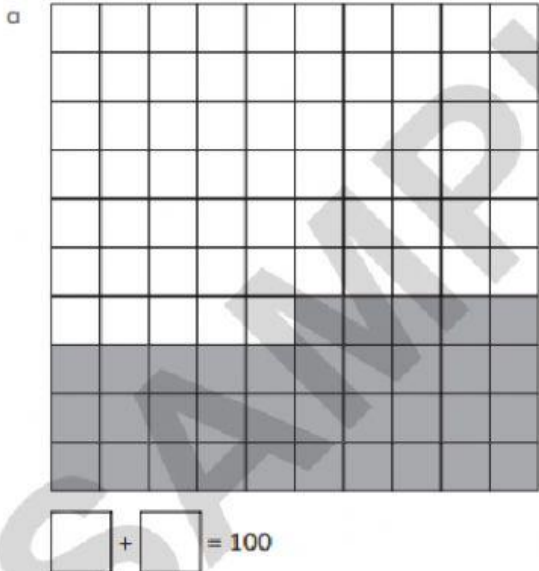| _____	
_____	_____

_____ - _____ = _____

Complements

A complement is two numbers you can add together to make the target.

41 + ? = 100

59 is the complement to 41.

41 + 59 = 100

[ ] + [ ] = 100   [ ] + [ ] = 100

Complete the complements

25 + _____ = 100   98 + _____ = 100   65 + ____ = 100

200 + ____ = 1000   450 + ____ = 1000   720 + ____ = 1000

Now, write six of your own complements that have a total of 100.

[ ] + [ ] = 100   [ ] + [ ] = 100

[ ] + [ ] = 100   [ ] + [ ] = 100

[ ] + [ ] = 100   [ ] + [ ] = 100