Math Topic 3 Study Guide – Subtraction

**Target: I can use base ten blocks as a model to subtract 3-digit numbers.**

1. Tara needs to collect 235 glass tiles for an art project. So far, she has collected 127. How many more glass tiles does Tara need to collect? Use the base ten blocks below to help solve the problem.



2. Mark needs to move 455 rocks. So far, he has moved 238 rocks. How many more rocks does Mark need to move? Use the base ten blocks below to help solve the problem.



**Target: I can regroup the tens place and hundreds place to solve 3-digit subtraction problems.**

3. Glacier Park has 246 different plant species. Jefferson Park has 169 different plant species. How many more plant species does Glacier Park have than Jefferson Park?

4. While playing a video game, Jason scored 385 points and Kim scored 763 points. How many more points did Kim score than Jason?

**Target: I can use regrouping to subtract across zero to solve 3-digit subtraction problems.**

5. Roland has 300 marbles. He lets his sister play with 238 of them. How many marbles does Roland have left?

6. Jeffrey needs to make 204 invitations for a party. So far, he has made 157 invitations. How many invitations does Jeffrey still need to make?

**Target: I can use a picture or diagram to help me understand and solve subtraction problems.**

7. Byron read 42 books. Shawna read 28 books. How many more books did Byron read than Shawna? Complete the diagram to solve the problem.

8. There are 312 animals at the local zoo. 167 of them are mammals. How many animals at the zoo are not mammals? Complete the diagram to solve the problem.