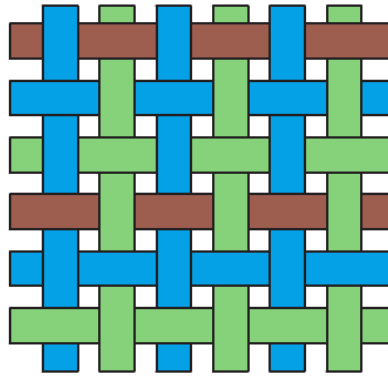


Fourth Grade Topic 13 Performance Task

Name: _____

Zoey wants to make a clay coaster. First, she makes clay strips from slabs of clay. One slab is green, one slab is blue, and one slab is brown. She cuts each slab into 10 equal strips. Then, Zoe makes her coaster as shown below. The coaster will have 6 horizontal strips and 6 vertical strips woven together.



Answer each of the following questions.

1. How many strips of clay does Zoe use for her coaster? _____
2. What fraction of the strips used for Zoe's coaster are:
 - a. green _____
 - b. blue _____
 - c. brown _____
3. If each slab of clay weighs 1 pound, then how much do each of the clay strips that are used weigh?
(Hint: Each slab was cut into 10 equal strips.)
4. Write a multiplication equation to show how much Zoe's coaster will weigh in total. How can you write the total weight as a decimal amount?
5. How many coasters can Zoe make like the one above? How much clay will be left over?
