Lesson 17: Divisibility Tests for 3 and 9

Problem Set

1. Is $32,643$ divisible by both $3$ and $9$? Why or why not?
2. Circle all the factors of $424,380$ from the list below.

$$2 3 4 5 8 9 10$$

1. Circle all the factors of $322,875$ from the list below.

$$2 3 4 5 8 9 10$$

1. Write a $3$-digit number that is divisible by both $3$ and $4$. Explain how you know this number is divisible by $3$ and $4$.
2. Write a $4$-digit number that is divisible by both $5$ and $9$. Explain how you know this number is divisible by $5$ and $9$.