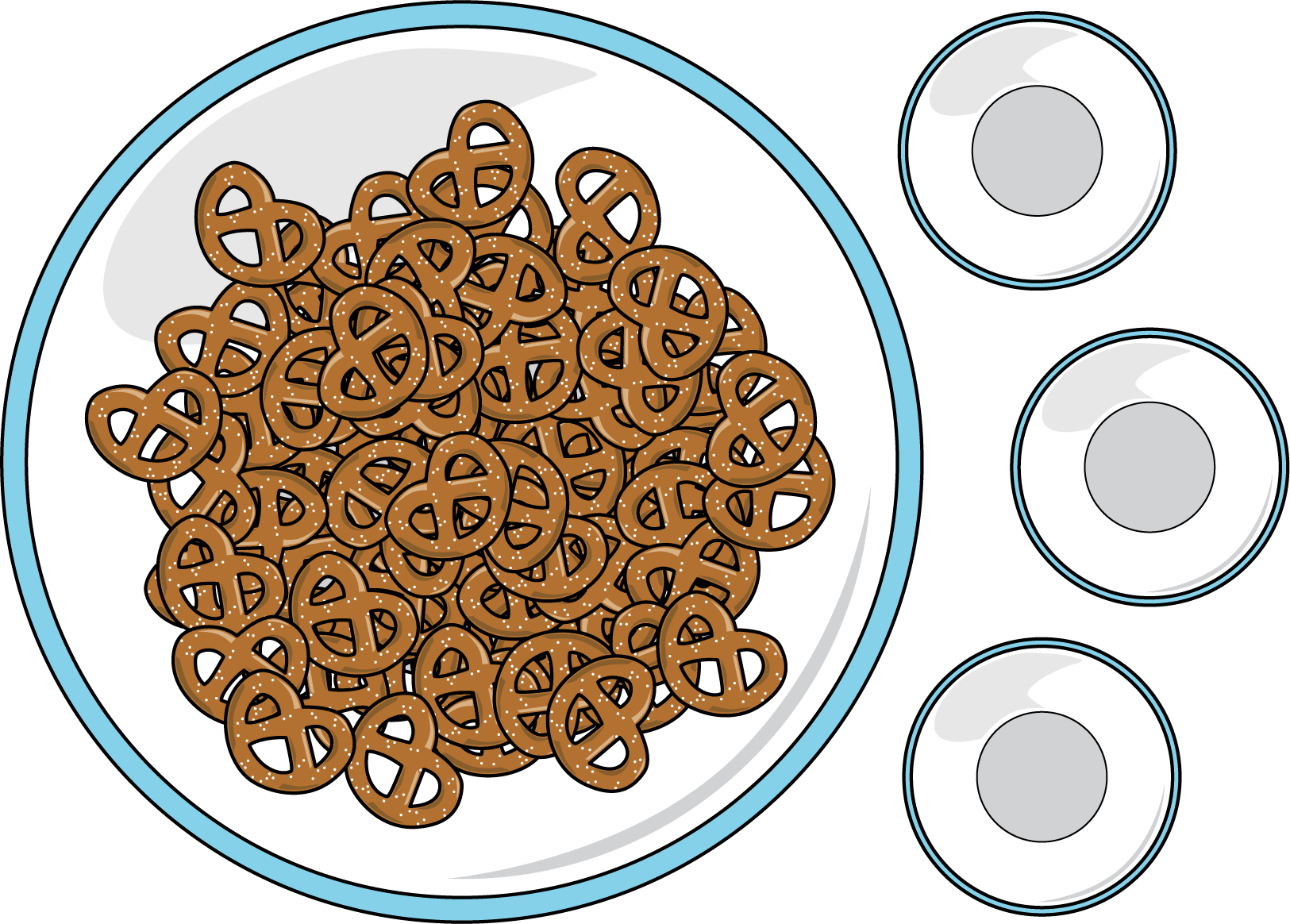
## Lesson 10: Concepts of Division

* Let’s think about the size of quotients.

### Warm-up: Number Talk: Same Dividend, Different Divisor

Find the value of each expression mentally.

### 10.1: Share Pretzels



Order the situations from greatest to least based on the number of pretzels each student will get. Be prepared to explain your reasoning.

3 students equally share 42 pretzels.  
14 students equally share 42 pretzels.  
3 students equally share 24 pretzels.  
3 students equally share 45 pretzels.  
7 students equally share 42 pretzels.  
3 students equally share 6 pretzels.  
6 students equally share 42 pretzels.

### 10.2: Division Patterns

1. Find the value of each expression.
2. What patterns do you notice?
3. Why is the quotient getting smaller?
4. What do you know about this expression: ?
5. Draw a diagram to represent .



© CC BY 2021 Illustrative Mathematics®