

Numeracy Discussion Questions

In groups, discuss the following questions. Each person will be responsible for reporting on the discussion of each question to Mr. McLellan. At the end of the class, Mr. McLellan will ask people to report on the discussion to the class.






1. If you take a fraction and add the same number to the numerator and the denominator, does it become larger or smaller? If you keep doing this forever, what do you think the fraction will become?
2. Which number is larger? 43 or -80 ?
3. What happens to the value of a fraction if you double the numerator? What about if you double the denominator?
4. How many hundredths are there in the number 2.35?
5. Which is larger? 31% or 23? Explain.
6. What does it mean if a number "grows by 100%"?
7. Using the balloon analogy, discuss what each of the following means:
 - a. Adding a positive number
 - b. Subtracting a positive number
 - c. Adding a negative number
 - d. Subtracting a negative number
8. (**CHALLENGE**) In the octal number system, there is no digit "8" or "9". The place value in the octal number system is:

sixty-fours

eights

ones

Write the number of raindrops in the octal number system:

- a. 
- b. 
- c. 
- d. 
- e. 
- f. 