

Name: _____

Ratios on a Field Trip

Directions: This story is full of comparing examples! Let's see if you can find all of them.

Use "A Field Trip to Baltimore" to help you answer the following questions.

- 1) What is the ratio of Emma's shirts to jeans?

10:5 10 to 5 $\frac{10}{5}$ or simplified $\frac{2}{1}$ 2:1 2 to 1

- 2) What is being compared when she mentioned that "kids rule"?

7:40 7 to 40 $\frac{7}{40}$ (Chaperones to kids)

- 3) Mrs. Hancock expresses a ratio to the whole group. What ratio was she talking about?

one chaperone to seven students
1:7 1 to 7 $\frac{1}{7}$

- 4) What ratio made Sarah, Anna, and Emma nervous? Write this simplified ratio three different ways.

2 girls and 5 boys 2:5 2 to 5 $\frac{2}{5}$

- 5) Express a ratio that describes the kids in their actual group.

three boys and four girls 3:4 3 to 4 $\frac{3}{4}$

- 6) What is in Anna's lunch box was an example of a ratio? What is being compared to each other?

Cherry Jelly Beans to Watermelon Jelly Beans 60:80 60 to 80 $\frac{60}{80}$
 $\frac{3}{4}$ 3 to 4

- 7) The chaperone took a vote to see who wanted to see the dolphin show. Is this a ratio? Why or why not?

5:7 5 to 7 $\frac{5}{7}$ > This ratio is a part to whole ratio

- 8) True or False: The ratio of the mini pool to sting rays is 4 to 1. Explain why.

False: The ratio 4 to 1 describes sting rays to mini pools

- 9) Write a ratio for dolphins to the number of trainers, three different ways.

3:2 3 to 2 $\frac{3}{2}$

Field Trip to Baltimore Continued: After the dolphin show we realized that we were hungry. Luckily there was a vendor at the corner so we could eat something quickly before looking at the gift shop. There were chicken tenders, hot dogs, and hamburgers. In our group of kids and chaperone, 3 people chose chicken tenders, 2 people chose hot dogs, and 3 people chose the hamburger. All the orders came with fries. Once we got our order Sarah, Anna, and I compared our chicken tender basket, each of us got three pieces of chicken but something looked a little off. Anna shouted "This guy is ripping us off. Look, Sarah got like 15 fries, Emma you got double that amount, and I only have like... eight!" To calm her down, I replied "I'll share mine Anna, I'm not going to eat all of these." Here we go again, Anna and her numbers.

- 10) What is the ratio for the people who chose the hot dog basket to the total number of people in their group?

2:8 2 to 8 $\frac{2}{8}$ OR 1:4 1 to 4 $\frac{1}{4}$

- 11) What's the ratio of Sarah's chicken tenders to fries?

3:15 3 to 15 $\frac{3}{15}$ OR 1:5 1 to 5 $\frac{1}{5}$

- 12) What is the ratio of Anna's chicken tenders to fries?

3:8 3 to 8 $\frac{3}{8}$