Name_____

Directions: Compare the ratios in each problem below. Determine which ratio is the greatest and write the correct answer in the space provided. Make sure to show your work and write down all ratios.

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1) Jacob had 5 red marbles and 15 green marbles. Isabella had 4 red marbles and 8 green marbles. Who has the greatest ratio of *red/green marbles*?

$^5/_{15} < \, ^4/_8$ or $^1/_3 < \, ^1/_2$

1) __*Isabella*__

2) Ethan's class had 10 boys and 12 girls. Sophia's class had 4 boys and 24 girls. Which class has the greatest ratio of *boys*/*girls*?

2) _____

3) For homework, Michael had 1.5 hours of math and 3 hours of science. Emma had 1 hour of math and 2 hours of science. Who had the greatest ratio of *math/science homework?*

3) _____

4) Jayden's cookie recipe uses 4 cups of sugar to make 28 cookies. Olivia's recipe uses 4 cups of sugar to make 36 cookies. Which has a greater *sugar/cookie* ratio?

4) _____

5) William paid $48 for 12 lbs. of steak, and Ava paid $70 for 10 lbs. Which person paid a greater ratio of *dollars/lbs. of steak*?

5) _____

6) Alex's class 25 adults and 35 kids on their field trip. Emily's class had 20 adults and 35 kids on their trip. Whose class had a higher ratio of *adults/kids* on their trip?

6) _____

7) Noah's school had 15 buses for 150 students. Abbey's school has 160 students riding 20 buses. Whose school has the greater ratio of *students/buses*?

7) _____

8) Dan had 10 candy bars and 40 pieces of gum in his Halloween bag. Madison had 27 candy bars and 36 pieces of gum. Who had the greater ratio of *candy/gum?*

8) _____

9) Aiden's team won 25 games and lost 5 games. Chloe's team won 32 games and lost 8 games. Whose team had the greater ratio of *wins/losses*?

9) _____

10) Steven walked 6 miles and drove 42 miles. Maureen walked 9 miles and drove 54 miles. Who has the greater ratio of *miles walked/miles driven*?

10) _____