RATIOS - WAYS OF WRITING

NAME:

Write each ratio three different ways. Make sure all ratios are in simplest form.

Helpful example

12 black shirts and 8 blue shirts.

Ratio of blue shirts to black shirts?

HELP: THERE ARE 8 BLUE SHIRTS AND 12 BLACK SHIRTS, BUT THEY CAN BE SIMPLIFIED BY DIVIDING BOTH OF THEM BY 4.

$$\frac{8 \text{ blue shirts}}{12 \text{ black shirts}}$$ **2:3** OR **2 to 3** OR $\frac{2}{3}$

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1. 8 boys and 14 girls in a classroom.
Ratio of boys to entire class?

2. 14 yellow flowers, 7 pink flowers, and 9 red flowers in a vase.
Ratio of red flowers to pink flowers?

3. 128 people and 48 houses in a neighborhood.
Ratio of people to houses?

4. Everyday, Hacky runs 14 km, Yoyo runs 6 km, and Zek runs 10 kilometers.
Ratio of weekly distance ran by Zek to Hacky?

5. 180 students and 6 teachers in a school.
Ratio of teachers to students in the school?

6. Out of 289 people, 85 people like baseball, 51 like hockey, and the rest like football.
Ratio of people liking baseball to football?

7. 16 blue marbles, 8 black marbles, and 3 red marbles in a sack.
Ratio of red marbles to all marbles in the sack?

8. 4 cups water and 6 cups sugar in a recipe.
Ratio of sugar to water?

9. 3 dozen oatmeal cookies and 5 dozen chocolate chip cookies on a plate.
Ratio of total cookies to oatmeal cookies?

10. 10 elephants, 6 giraffes, and 4 bears in a zoo.
Ratio of elephants to bears?

11. The average kid sleeps 8 hours and watches TV 2 hours per day.
Ratio of sleep to hours in a day?

12. 24 footballs and 36 tennis balls in a basket.
Ratio of all balls in the basket to footballs?

13. 13 yellow, 7 red, 8 blue, and 36 white houses in a neighborhood.
Ratio of white houses to entire neighborhood?

14. 2,400 babies are born every month in a city of 2 million people. A third of the babies are girls.
Ratio of boys to girls born during the year?