* Simplify!! Classwork from Wednesday

Ratio Wording Name: 2-13-2019

Solve each problem. * Pay attention to order of question!!

1) For every 5 boys on a softball team there is 1 girl. What is the ratio of boys to girls?

2) The ratio of male to female birds in a bird cage was 5:2. For every 5 males there are 2 females.

3) At the carnival the ratio of rides to games was 9:8. For every 8 games there are 9 rides.

4) In a bag of candy for every 3 chocolate pieces there are 7 sugar pieces. What is the ratio of chocolate pieces to sugar pieces? $\frac{3 \text{ Chocolate}}{7 \text{ sugar}}$

5) At the burger shop the ratio of regular sodas sold to diet sodas sold was 7:1. For every 1 diet sodas sold there is 7 regular soda sold.

6) At the malt shop the ratio of hotdogs sold to hamburgers sold was 7:5. For every 5 hamburgers sold there were 7 hotdogs sold.

7) At the pet store the ratio of dogs to cats was 6:4. For every 4 cats there are 6 dogs.

8) For every 8 Wii games Sarah owned she had 4 PS3 games. What is her ratio of Wii games to PS3 games? $\frac{8 \text{ Wii}}{4 \text{ PS3}} = \frac{2 \text{ Wii}}{1 \text{ PS3}}$

9) The ratio of cars to trucks in a parking lot was 4:7. For every 4 cars there were 7 trucks.

10) At an icecream shop the ratio of chocolate cones sold to vanilla cones sold was 1:2. For every 2 vanilla cone sold there were 1 chocolate cones sold.

11) At an orchard the ratio of green apples to red apples was 9:7. For every 7 red apples there were 9 green apples.

12) For every 4 small popcorns sold at the theater there were 3 large sold. What is the ratio of small sold to large sold? $\frac{4 \text{ small}}{3 \text{ large}}$

13) At the store for every 2 movies sold there were 8 books sold. What is the ratio of books sold to movies sold? $\frac{8 \text{ books}}{2 \text{ movies}} = \frac{4 \text{ books}}{1 \text{ movie}}$

14) In the class election for every 9 votes Tommy got, Sarah got 7 votes. What is the ratio of votes for Sarah to votes for Tommy? $\frac{7 \text{ Sarah}}{9 \text{ Tommy}}$

15) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:6. For every 6 short sleeve shirts there were 8 long sleeve shirts.

long sleeve short sleeve

$\frac{6 \text{ short}}{8 \text{ long}} = \frac{3 \text{ short}}{4 \text{ long}}$

Answers

1. 5 boys / 1 girl
2. 5 males / 2 females
3. 8 games / 9 rides
4.
5. 1 diet soda / 7 regular
6. 5 hamburgers / 7 hot dogs
7. $\frac{4 \text{ cats}}{6 \text{ dogs}} = \frac{2 \text{ cats}}{3 \text{ dogs}}$
8.
9. 4 cars / 7 trucks
10. 2 vanilla / 1 chocolate
11. 7 red apples / 9 green apples
12.
13.
14.
15.

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					