Ratio Tables: Making Tables of Equivalent Ratios

Name: _____

A ratio table is just a group of equivalent ratios. You can make the table by scaling up, scaling down or adding the ratio to itself repeatedly.

Example:

This table was started with the ratio 3:4. The 3 was added to the first column, and 4 was added in the second column repeatedly.

3	4
6	8
9	12
12	16
15	20

1. Create a ratio table for the ratio 5:2.

2. The ratio of boys to girls at a monster truck rally is 4:3. Create a ratio table with examples of how many boys and girls could be at the rally.

3. The teacher parking lot at the local middle school has 2 cars for every 5 SUVs. Create a ratio table with possible amounts for the cars and SUVs in the lot.

4. A car dealership has 3 trucks for every 7 cars. There are more than 30 cars in the lot. Create a ratio table that shows the possible number of cars and trucks for sale.

5. The ratio table shows the number of girls and boys that fail the road test on the first try when trying to get a driver's license. Write a sentence using proper ratio vocabulary to compare the values in the table.

Girls	Boys
16	12
20	15
24	18
28	21
32	24

_____

_____

_____

6. The ratio table shows the number of white, black, and silver vehicles compared to the number of red vehicles registered. Write a sentence using proper ratio vocabulary that states the ratio used to create the table.

Black, White, Silver	Red
5000	1200
6000	1440
7000	1680
8000	1920
9000	2160

_____

_____

_____

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Example:

This table was started with the ratio 3:4. The 3 was added to the first column, and 4 was added in the second column repeatedly.

3	4
6	8
9	12
12	16
15	20

Possible solutions

1. Create a ratio table for the ratio 5:2.

5	2
10	4
15	6
20	8
25	10

2. The ratio of boys to girls at a monster truck rally is 4:3. Create a ratio table with examples of how many boys and girls could be at the rally.

400	300
800	600
1200	900
1600	1200
2000	1500

3. The teacher parking lot at the local middle school has 2 cars for every 5 SUVs. Create a ratio table with possible amounts for the cars and SUVs in the lot.

10	25
20	50
30	75
40	100
50	125

4. A car dealership has 3 trucks for every 7 cars. There are more than 30 cars in the lot. Create a ratio table that shows the possible number of cars and trucks for sale.

15	35
18	42
21	49
24	56
27	63

5. The ratio table shows the number of girls and boys that fail the road test on the first try when trying to get a driver's license. Write a sentence using proper ratio vocabulary to compare the values in the table.

Girls	Boys
16	12
20	15
24	18
28	21
32	24

For every 4 girls that failed the road test, only 3 boys failed the test.

6. The ratio table shows the number of white, black, and silver vehicles compared to the number of red vehicles registered. Write a sentence using proper ratio vocabulary that states the ratio used to create the table.

Black, White, Silver	Red
5000	1200
6000	1440
7000	1680
8000	1920
9000	2160

For every 25 black, white and silver vehicles, there are only 6 red vehicles registered.