

Name: _____ Date: _____

Ratio Refresher

Write each ratio in two other formats.

1. 3 to 5 _____ _____
2. 5 to 13 _____ _____
3. 8:15 _____ _____
4. 3:2 _____ _____
5. $\frac{5}{6}$ _____ _____
6. $\frac{13}{15}$ _____ _____

Reduce each ratio to its lowest terms. If it is already in lowest terms write "lowest terms."

7. 6 to 8 _____
8. 8 to 12 _____
9. 12 to 15 _____
10. 11 to 12 _____
11. 6 to 9 _____
12. 12 to 15 _____
13. 14 to 15 _____
14. 15 to 20 _____

Find the missing value, given a ratio and a total.

15. The ratio of doctors to patients is 1 to 38. The total number of doctors is 11. How many patients are there?
16. The ratio of passing grades to the total number of grades is 7 to 9. If there are 36 grades all together, how many are passing grades?
17. The ratio of black jellybeans to the total number of jellybeans in a certain jar is 2 to 9. If there are 38 black jellybeans, how many jellybeans are there all together?
18. The ratio of jazz CDs in a certain store to the total number of CDs is 3 to 16. If there are 54 jazz CDs, how many CDs does the store have all together?