

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Questions

1. Simplify the ratio 8:2.
2. Simplify 14:7.
3. Simplify 9:12.
4. Simplify 15:5.
5. Express 6:18 in simplest form.
6. Write the ratio 3:2 as a fraction.
7. Simplify 10:4.
8. Are 2:3 and 6:9 equivalent? (Yes or No)
9. Are 5:8 and 15:24 equivalent? (Yes or No)
10. Find the missing number: $4:5 = ? :20$
11. Find the missing number: $3:7 = 9 : ?$
12. If $2:3 = x:12$, what is x ?
13. If $7:? = 21:15$, find $?$.
14. Simplify 18:24.
15. Simplify 100:25.
16. Simplify 0:5.
17. Which is greater: 1:2 or 2:5?
18. Which is greater: 3:4 or 2:3?
19. Complete: $5:9 = 10 : ?$
20. Complete: $8:3 = ? :9$
21. Out of 12 apples, 3 are red. What is the ratio red:total?
22. Out of 20 students, 5 are boys. What is the ratio boys:total?
23. Out of 15 marbles, 5 are blue. What is the ratio blue:total?
24. Out of 30 candies, 6 are chocolate. What is the ratio chocolate:total (simplified)?
25. Out of 14 cookies, 7 are chocolate. What is the ratio chocolate:total (simplified)?
26. If part:whole = 1:5 and whole = 50, what is the part?
27. If part:whole = 3:4 and whole = 28, what is the part?
28. If part:whole = 2:5 and whole = 35, what is the part?
29. If red:total = 2:7 and total = 42, how many red?
30. If blue:total = 3:8 and total = 64, how many blue?
31. Simplify 25:100.

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

32. Simplify 33:11.
33. Are 4:10 and 2:5 equivalent? (Yes or No)
34. Find the missing number: $6:11 = ? :22$
35. Find x if $x:9 = 2:3$.
36. If part:whole = 1:4 and total = 12, find the part.
37. Simplify 45:15.
38. Simplify 21:7.
39. Simplify 2:50.
40. Simplify 40:60.
41. From 18 students, 6 are girls. What is the ratio girls:total?
42. From 24 pencils, 8 are red. What is the ratio red:total (simplified)?
43. Which is larger: 7:10 or 2:3?
44. Which ratio is equivalent to 4:6 — 2:3 or 3:5?
45. Complete: $9:6 = 3 : ?$
46. Complete: $? :12 = 2 : 3$
47. Simplify the ratio 5:20.
48. If total = 30 and boys:total = 2:3, how many boys?
49. Simplify 120:30.
50. Simplify 14:28.