



Math Worksheet for 6th Grade

Greatest common factor

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Questions:

1. Find the greatest common factor (GCF) of 8 and 12.
2. GCF of 14 and 28.
3. GCF of 9 and 12.
4. GCF of 16 and 24.
5. GCF of 21 and 14.
6. GCF of 15 and 25.
7. GCF of 10 and 13.
8. GCF of 18 and 30.
9. GCF of 27 and 36.
10. GCF of 6 and 15.
11. GCF of 12 and 20.
12. GCF of 4 and 7.
13. GCF of 22 and 33.
14. GCF of 40 and 60.
15. GCF of 45 and 75.
16. GCF of 32 and 48.
17. GCF of 11 and 17.
18. GCF of 24 and 54.
19. GCF of 14 and 49.
20. GCF of 28 and 35.
21. GCF of 8, 12 and 20.
22. GCF of 6, 15 and 21.
23. GCF of 9, 27 and 36.
24. GCF of 10, 25 and 35.
25. GCF of 14, 28 and 42.
26. GCF of 4, 6 and 10.
27. GCF of 5, 7 and 11.
28. GCF of 12, 18 and 30.
29. GCF of 16, 24 and 40.
30. GCF of 3, 9 and 12.
31. GCF of 20, 30 and 45.



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32. GCF of 21, 35 and 49.

33. GCF of 13, 26 and 39.

34. GCF of 18, 24 and 30.

35. GCF of 2, 4 and 9.

36. Factor using the distributive property: $12 + 18 = ?$

37. Factor using the distributive property: $21 + 14 = ?$

38. Factor using the distributive property: $30 + 45 = ?$

39. Factor using the distributive property: $28 + 42 = ?$

40. Factor using the distributive property: $9 + 27 = ?$

41. Factor using the distributive property: $16 + 24 = ?$

42. Factor using the distributive property: $15 + 25 = ?$

43. Factor using the distributive property: $8 + 12 + 20 = ?$

44. Factor using the distributive property: $40 - 10 = ?$

45. Factor using the distributive property: $36 - 12 = ?$

46. Factor using the distributive property: $24 + 36 + 60 = ?$

47. Factor using the distributive property: $18 + 24 + 30 = ?$

48. Factor using the distributive property: $27 + 45 = ?$

49. Factor using the distributive property: $50 + 75 = ?$

50. Factor using the distributive property: $100 + 40 = ?$