

# WORKSHEET

Find the highest common factor, greatest common divisor, of the given positive integers.

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|--------------------------|---------------------------|--------------------------|--------------------------|
| 1. $\text{hcf}(28, 84)$  | 13. $\text{hcf}(70, 16)$  | 25. $\text{hcf}(78, 33)$ | 37. $\text{hcf}(68, 64)$ |
| 2. $\text{hcf}(84, 32)$  | 14. $\text{hcf}(40, 18)$  | 26. $\text{hcf}(91, 7)$  | 38. $\text{hcf}(77, 70)$ |
| 3. $\text{hcf}(40, 12)$  | 15. $\text{hcf}(75, 69)$  | 27. $\text{hcf}(88, 58)$ | 39. $\text{hcf}(2, 54)$  |
| 4. $\text{hcf}(85, 20)$  | 16. $\text{hcf}(96, 56)$  | 28. $\text{hcf}(74, 36)$ | 40. $\text{hcf}(80, 72)$ |
| 5. $\text{hcf}(86, 26)$  | 17. $\text{hcf}(9, 33)$   | 29. $\text{hcf}(42, 39)$ | 41. $\text{hcf}(54, 92)$ |
| 6. $\text{hcf}(30, 64)$  | 18. $\text{hcf}(91, 35)$  | 30. $\text{hcf}(39, 27)$ | 42. $\text{hcf}(24, 80)$ |
| 7. $\text{hcf}(88, 72)$  | 19. $\text{hcf}(20, 5)$   | 31. $\text{hcf}(82, 8)$  | 43. $\text{hcf}(34, 46)$ |
| 8. $\text{hcf}(60, 30)$  | 20. $\text{hcf}(46, 38)$  | 32. $\text{hcf}(4, 2)$   | 44. $\text{hcf}(72, 48)$ |
| 9. $\text{hcf}(38, 14)$  | 21. $\text{hcf}(56, 62)$  | 33. $\text{hcf}(75, 80)$ | 45. $\text{hcf}(18, 75)$ |
| 10. $\text{hcf}(8, 78)$  | 22. $\text{hcf}(18, 88)$  | 34. $\text{hcf}(44, 80)$ | 46. $\text{hcf}(30, 75)$ |
| 11. $\text{hcf}(18, 12)$ | 23. $\text{hcf}(60, 39)$  | 35. $\text{hcf}(30, 52)$ | 47. $\text{hcf}(70, 20)$ |
| 12. $\text{hcf}(66, 78)$ | 24. $\text{hcf}(100, 12)$ | 36. $\text{hcf}(44, 58)$ | 48. $\text{hcf}(98, 48)$ |

## ANSWERS

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|------------------------------|-------------------------------|------------------------------|-------------------------------|
| 1. $\text{hcf}(28, 84) = 28$ | 13. $\text{hcf}(70, 16) = 2$  | 25. $\text{hcf}(78, 33) = 3$ | 37. $\text{hcf}(68, 64) = 4$  |
| 2. $\text{hcf}(84, 32) = 4$  | 14. $\text{hcf}(40, 18) = 2$  | 26. $\text{hcf}(91, 7) = 7$  | 38. $\text{hcf}(77, 70) = 7$  |
| 3. $\text{hcf}(40, 12) = 4$  | 15. $\text{hcf}(75, 69) = 3$  | 27. $\text{hcf}(88, 58) = 2$ | 39. $\text{hcf}(2, 54) = 2$   |
| 4. $\text{hcf}(85, 20) = 5$  | 16. $\text{hcf}(96, 56) = 8$  | 28. $\text{hcf}(74, 36) = 2$ | 40. $\text{hcf}(80, 72) = 8$  |
| 5. $\text{hcf}(86, 26) = 2$  | 17. $\text{hcf}(9, 33) = 3$   | 29. $\text{hcf}(42, 39) = 3$ | 41. $\text{hcf}(54, 92) = 2$  |
| 6. $\text{hcf}(30, 64) = 2$  | 18. $\text{hcf}(91, 35) = 7$  | 30. $\text{hcf}(39, 27) = 3$ | 42. $\text{hcf}(24, 80) = 8$  |
| 7. $\text{hcf}(88, 72) = 8$  | 19. $\text{hcf}(20, 5) = 5$   | 31. $\text{hcf}(82, 8) = 2$  | 43. $\text{hcf}(34, 46) = 2$  |
| 8. $\text{hcf}(60, 30) = 30$ | 20. $\text{hcf}(46, 38) = 2$  | 32. $\text{hcf}(4, 2) = 2$   | 44. $\text{hcf}(72, 48) = 24$ |
| 9. $\text{hcf}(38, 14) = 2$  | 21. $\text{hcf}(56, 62) = 2$  | 33. $\text{hcf}(75, 80) = 5$ | 45. $\text{hcf}(18, 75) = 3$  |
| 10. $\text{hcf}(8, 78) = 2$  | 22. $\text{hcf}(18, 88) = 2$  | 34. $\text{hcf}(44, 80) = 4$ | 46. $\text{hcf}(30, 75) = 15$ |
| 11. $\text{hcf}(18, 12) = 6$ | 23. $\text{hcf}(60, 39) = 3$  | 35. $\text{hcf}(30, 52) = 2$ | 47. $\text{hcf}(70, 20) = 10$ |
| 12. $\text{hcf}(66, 78) = 6$ | 24. $\text{hcf}(100, 12) = 4$ | 36. $\text{hcf}(44, 58) = 2$ | 48. $\text{hcf}(98, 48) = 2$  |