

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Module 1: Functions and Their Inverses

Answer Key

- Functions/Inverses: 1.1**
Ready
 1. Divide by 9
 2. Multiply by 5
 3. Subtract 17
 4. Square
 5. Color then subtract 1
 6. Take the 4th root
 7. Take the square root then add 9
Set
 8. Possible solutions include: (0,15) (1,14) (2,13) (12,12) (12,12)
 9. $f(x) = -\frac{1}{2}x + 15$
 10. Possible solutions include: (15,0) (14,1) (13,2) (12,3) (11,4)
 11. $g(x) = -4x + 60$
 12. The x values and their values switched places.
 13a. The set of whole numbers from 0 to 15.
 b. (8, 6), (6, 8)
 c. The domain of $d = f(x)$ is the number of cuts in the problem. The domain of $c = f(x)$ is the number of steps in the problem.
Go
 14. 10
 15. 2
 16. 4
 17. 9
 18. 80
 19. 32
 20. 54
 21. 54
 22. 54
 23. 42
 24. 90
 25. $x^2 - y$
 26. $x^2 + y^2 - 2x - y + 1$
 27. 30
 28. $3x^2 - 3x$
 29. $3x + 8$
Functions/Inverses: 1.2
Ready
 1. $x = 3$
 2. $x = 6$
 3. $x = 60$
 4. $x = 2, -3$
 5. $x = -13$
 6. $x = -7$
 7. $x = 1$
 8. $x = 1$
 9. $x = -3$
 10. $x = -2.5$
 11. $x = 5$
 12. Ethan and Emma used opposite variables for each variable.
 13. Possible answer: The graphs are reflections over the line $y = x$
 14a. 2.5 seconds
 b. 3 seconds
 c. 3 seconds and 4 seconds
 15. A positive number to any power is still positive.
 16. The exponent
 17. $\log_4 2 = 2$
 18. $\log_4 8 = 3$
 19. $\log_4 1000 = 4$
 20. $\log_4 16 = 2$
 21. $\log_4 7 = 7$
 22. The exponent
 23. $2x^2 - 2x - 20$
 24. $2x^2 - 2x - 20$
 25. $2x^2 - 2x - 20$
 26. $2x^2 - 2x - 20$
 27. $2x^2 - 2x - 20$
 28. $2x^2 - 2x - 20$
 29. $2x^2 - 2x - 20$
 30. $2x^2 - 2x - 20$
Functions/Inverses: 1.4
Ready
 1. 3^{10}
 2. 4^{10}
 3. 7^4
 4. 10^4
 5. 5^5
 6. $2^2 = 4$
 7. 2^4
 8. 4^2
 9. 7^3
 10. 8^2
 11. $(\frac{1}{2})^3$
 12. 2^3
 13. $(\frac{1}{3})^3$
 14. 4^{10}

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Mathematics Vision Project Module 2 Answer Key