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50%(2)50% found this document useful (2 votes)3K viewsThis document provides worksheets and exercises for students to practice finding the domain and range of functions from graphs, equations, tables, and word problems. It includes questions abAI-enhanced title and descriptionSaveSave domain-and-range-functions-worksheets-with-answers For Later50%50% found this document useful, undefined Find the domain and range of following modulus function1)f(x) = |x - 3|2)f(x) = 1 - |x - 2|3)f(x) = |x - 4|/(x - 4)SolutionAnswers :1)Domain : R, Range :{0,2) Domain :All the real values R, Range :(- , 1]3) Domain :R - {4}, Range :[-1, 1]Find the domain of the following rational functions1) f(x) = (x - 1)/(x - 3)2) f(x) = (2x - 3)/(x2- 3x + 2)3)(x - 2)4)f(x) =(4 - x) + (1/(x2- 1))5)f(x) = (2x + 1)/(x2- 9)Solution6)f(x) = x/(1 + x2)7)f(x) = 3/(2 - x2)SolutionAnswers :1) Domain :R - {3}2) Domain :R - {1, 2}3) Domain :{2,4) Domain :(-, -1) U (1, 4]5) Domain :R - [-3, 3]6) Domain : All the real values R, Range :[-1/2, 1/2]7) Domain :R - {2}, Range :(-, 0) U[3/2,)Find the domain of the following radical function1)y = (x-2)2y = (32x)3y =1/(x+2)4)y = 1/(5+2x)5) y = [x(x 2)]6)y =(1/x) + (1/(2 x))7)y = (x2 3x)8) y =y = (x2 3x)SolutionAnswers :1) Domain :{2, 2) Domain :(-, 3/2]3) Domain :(-2, 4) Domain :(-5/2, 5) Domain :(-, 0] u [2, 6) Domain :(0, 2)7) Domain :(-, 0] u [3, 8) Domain :(-, -3] u (1,)Find the domain of the following square root function1)f(x)=(x - 2)2)f(x)= 1/(1 - x)3)f(x)=(4 - x2)4)f(x)=(4 - x) + 1/(x2- 1)SolutionAnswers :1) Domain :{2,2) Domain :(-, 1]3) Domain :[-2, 2]4) Domain :(-, -1) U (1, 4]Find the domain and range of the following trigonometric function1)f(x) = 1/(2 - sin 3x)2)f(x) = 1/(1 - 2 cos x)SolutionAnswers :1) Domain : All the real values, Range :[1/3, 1]2) Range :[-1, 1/3]Find the domain and range of the following quadratic function1)y = x2+ 5x + 62)y = -2x2+ 5x - 7SolutionAnswers :1) Domain :{x x R}, Range :{y y -0.25}2)Domain :{x x R}, Range :{y y -3.875} Kindly mail your feedback to4formath@gmail.comWe always appreciate your feedback.All rights reserved. onlinemath4all.com Mathworksheetsgo.com is now a part of Mathwarehouse.com. All of your worksheets are now here on Mathwarehouse.com. Please update your bookmarks! Feel free to download and enjoy these free worksheets on functions and relations .Each one has model problems worked out step by step, practice problems, as well as challenge questions at the sheets end. Plus each one comes with an answer key.

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