

Graphing Practice 1

SecretMathPrep

Foundations of Mathematics

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Hey special student! Thank you so much for joining my math tutoring program. Remember, keep our time together a secret, so you can surprise your parents with your new AMAZING grades! Simply graph each of the equations below into an online graphing calculator, such as Desmos, or by hand. No need to send me your answers, you will understand the message once decoded correctly. I look forward to watching you complete this assignment :)

Problem	Equation	Bounds
1	$y = 5$	$13 \leq x \leq 15$ $27 \leq x \leq 29$ $41 \leq x \leq 43$ $49 \leq x \leq 51$ $63 \leq x \leq 65$ $77 \leq x \leq 81$ $91 \leq x \leq 93$
2	$y = -4(x - 36) + 1$	$1 \leq y \leq 9$
3	$x = 46$	$1 \leq y \leq 5$
4	$y = 2(x - 48) + 9$	$5 \leq y \leq 9$
5	$y = -2(x - 97) + 9$	$5 \leq y \leq 9$
6	$x = 51$	$1 \leq y \leq 5$
7	$x = 71$	$1 \leq y \leq 9$

Problem	Equation	Bounds
8	$y = 1$	$31 \leq x \leq 34$ $49 \leq x \leq 51$ $71 \leq x \leq 75$ $89 \leq x \leq 93$ $102 \leq x \leq 106$ $108 \leq x \leq 112$
9	$x = 4$	$1 \leq y \leq 9$
10	$y = 9$	$49 \leq x \leq 51$ $66 \leq x \leq 70$ $71 \leq x \leq 75$ $89 \leq x \leq 93$ $102 \leq x \leq 106$
11	$x = 85$	$1 \leq y \leq 9$
12	$y = -4(x - 87) + 1$	$1 \leq y \leq 9$
13	$y = 2(x - 101) + 9$	$5 \leq y \leq 9$
14	$y = 4(x - 60) + 9$	$1 \leq y \leq 5$
15	$x = 20$	$1 < y < 9$
16	$y = -4(x - 44) + 1$	$1 < y < 9$
17	$y = -4(x - 58) + 9$	$1 \leq y \leq 5$
18	$x = 89$	$1 < y < 9$
19	$x = 112$	$1 < y < 9$
20	$x = 18$	$1 < y < 9$
21	$y = -4(x - 18) + 9$	$5 \leq y \leq 9$
22	$y = -4(x - 36) + 9$	$1 \leq y \leq 5$
23	$y = 4(x - 62) + 1$	$1 \leq y \leq 9$
24	$x = 93$	$1 < y < 5$
25	$y = 4(x - 20) + 9$	$5 \leq y \leq 9$
26	$y = -4(x - 66) + 1$	$1 \leq y \leq 9$

Problem	Equation	Bounds
27	$x = 77$	$1 < y < 9$
28	$x = 106$	$1 < y < 9$
29	$y = 4(x - 26) + 1$	$1 \leq y \leq 9$
30	$y = -4(x - 58) + 1$	$1 \leq y \leq 9$
31	$x = 49$	$5 \leq y \leq 9$
32	$x = 99$	$1 < y < 5$
33	$x = 31$	$1 < y < 9$
34	$y = -4(x - 30) + 1$	$1 \leq y \leq 9$
35	$y = -2(x - 44) + 9$	$5 \leq y \leq 9$
36	$y = 4(x - 12) + 1$	$1 \leq y \leq 9$
37	$x = 87$	$1 < y < 9$
38	$y = 4(x - 38) + 1$	$1 \leq y \leq 9$
39	$y = 4(x - 40) + 1$	$1 \leq y \leq 9$
40	$x = 83$	$1 < y < 9$
41	$y = -4(x - 16) + 1$	$1 \leq y \leq 9$
42	$x = 102$	$1 < y < 9$
43	$x = 68$	$1 < y < 9$
44	$y = 4(x - 38) + 9$	$1 \leq y \leq 5$
45	$x = 81$	$1 < y < 9$
46	$y = 4(x - 60) + 1$	$1 \leq y \leq 9$
47	$x = 108$	$1 < y < 9$