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Math worksheet on *'Slope - Find Equivalent - X,Y Chart to Standard Form (Level 1)'*. Part of a broader unit on *'Line Equations and Graphing - Intro'*

Learn online: app.mobius.academy/math/units/line_equations_and_graphing_intro/

1 What line equation in standard form would would create this set of X, Y values?

X	Y
0	3
1	3.25
2	3.5
3	3.75
4	4

a $-0.25x + 1y = 3$

b $-4x + 1y = 3$

c $-0.13x + 1y = 3$

d $0.25x + 1y = 3$

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2 What line equation in standard form would would create this set of X, Y values?

X	Y
0	1
1	0
2	−1
3	−2
4	−3

a $0.5x + 1y = 1$

b $1x + 1y = 1$

c $-1x + 1y = 1$

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3 What line equation in standard form would would create this set of X, Y values?

X	Y
0	2
1	3
2	4
3	5
4	6

a $-0.5x + 1y = 2$

b $-1x + 1y = 2$

c $1x + 1y = 2$

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4 What line equation in standard form would would create this set of X, Y values?

X	Y
0	3.33
1	3
2	2.67
3	2.33
4	2

a $3x + 1y = 3.33$

b $0.33x + 1y = 3.33$

c $-0.33x + 1y = 3.33$

d $0.17x + 1y = 3.33$

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5 What line equation in standard form would would create this set of X, Y values?

X	Y
0	1
1	4
2	7
3	10
4	13

a $-3x + 1y = 1$

b $-0.33x + 1y = 1$

c $3x + 1y = 1$

d $-1.5x + 1y = 1$

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6 What line equation in standard form would would create this set of X, Y values?

X	Y
0	1
1	3
2	5
3	7
4	9

a $-2x + 1y = 1$

b $-1x + 1y = 1$

c $-0.5x + 1y = 1$

d $2x + 1y = 1$

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7 What line equation in standard form would would create this set of X, Y values?

X	Y
0	2
1	0
2	−2
3	−4
4	−6

a $-2x + 1y = 2$

b $1x + 1y = 2$

c $2x + 1y = 2$

d $0.5x + 1y = 2$