

Practice for MEAP

State Resources

Michigan



Sample Test A

1. Write an explicit rule for the sequence shown in the table.

n	1	2	3	4	5
t_n	-1	-5	-9	-13	-17

- ☐ A. $t_n = -2n + 5$
☐ B. $t_n = -4n + 3$
☐ C. $t_n = n + 4$
☐ D. $t_n = 2n + 3$

2. Let $f(x) = -8x^2$ and $g(x) = 6 - 2x$. Which function operation gives the new function $h(x) = 6 + 16x^2$?

- ☐ A. $f + g$
☐ B. $g \circ f$
☐ C. $f - g$
☐ D. $f + g$

3. The graph below shows the number of subscribers to a local weekly newspaper. Find the rate of change in the number of subscribers over the first 5-year period.



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Lauren Gardner



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