FST Name:

Problem Set 2.5 Date: Block:

**Problem Set 2.5**

1. The function f(x) is graphed below. List the transformations being done to the parent and then graph g(x).



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1. $g\left(x\right)=3f\left(x\right)$

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b) $g\left(x\right)=f(2x)$

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$c) g\left(x\right)=f\left(x-5\right)+3$

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d) $g\left(x\right)=-f(x+6)$

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$e) g\left(x\right)=2f\left(-x\right)+5$

****f) $g\left(x\right)=f(4x+8)$

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g) $g\left(x\right)=-f\left(-x\right)-4$