Card Sort

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| $$f(x)=-3x+12$$ | You drink a 12oz cup of coffee, swallowing three ounces per gulp. |
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| $$x$$ | $$f(x)$$ |
| 0 | 12 |
| 1 | 9 |
| 2 | 6 |
| 3 | 3 |
| 4 | 0 |

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| $$f\left(x\right)=.70x+1.80$$ | You call for an Uber. Your Uber driver charges you an automatic base fee of $1.80, plus $0.70 per mile. |
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| $$x$$ | $$f(x)$$ |
| 0 | 1.80 |
| 1 | 2.50 |
| 2 | 3.20 |
| 3 | 3.90 |
| 4 | 4.60 |

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| $$f(x)=9x+15$$ | You and your friends decide to start a lawn mowing business for extra money. You charge a $15 flat fee and $9 for each hour it takes to mow. |
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| $$x$$ | $$f(x)$$ |
| 0 | 15 |
| 1 | 24 |
| 2 | 33 |
| 3 | 42 |
| 4 | 51 |

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| $$f\left(x\right)=-5x+100$$ | You lose 5% of battery life on your phone for every hour you use it. |
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| $$x$$ | $$f(x)$$ |
| 0 | 100 |
| 1 | 95 |
| 2 | 90 |
| 3 | 85 |
| 4 | 80 |

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