7.2 Algebra 2 Year 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1.** $f\left(x\right)=\left(2^{x-3}\right)$

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| ***x*** | ***y*** |
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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

**2.** $f\left(x\right)=\left(2^{x+2}\right)$

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
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| ***x*** | ***y*** |
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**3.** $f\left(x\right)=\left(2^{x+3}\right)$

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
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| ***x*** | ***y*** |
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**4.** $f\left(x\right)=\left(2^{x+2}\right)-$**1**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**5.** $f\left(x\right)=\left(2^{x-4}\right)-$**1**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**6.** $f\left(x\right)=\left(2^{x+2}\right)+$**3**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**7.** $f\left(x\right)=-4\left(2^{x+1}\right)-$**2**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**8.** $f\left(x\right)=-1\left(2^{x+3}\right)+4$

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**9.** $f\left(x\right)=3\left(2^{x-4}\right)+$**2**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**10.** $f\left(x\right)=-\frac{1}{2}\left(2^{x+3}\right)-$**1**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**11.** $f\left(x\right)=\frac{1}{2}\left(2^{x-4}\right)-$**1**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
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| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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**12.** $f\left(x\right)=2\left(2^{x-4}\right)-$**1**

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| ***Parent*** |
| ***x*** | ***y*** |
| –2 | 1/4 |
| –1 | 1/2 |
| 0 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 8  |

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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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| ***x*** | ***y*** |
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