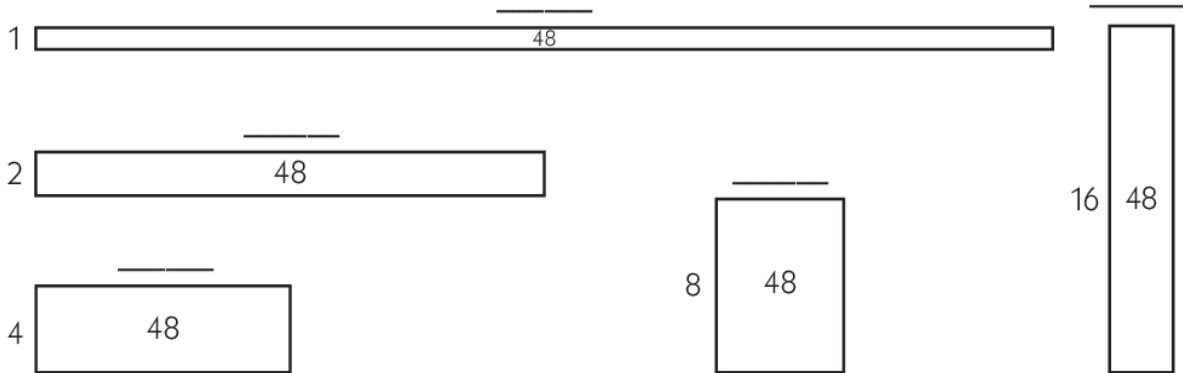NAME _____   DATE _____

Home Connection 6 ★ Worksheet

Factors of 48

1 Imagine using 48 tile to build each rectangle below. Write in the missing dimensions on the rectangle sketches below.

1 | 48 |

2 | 48 |

4 | 48 |

8 | 48 |

16 | 48 |

2 The factors of 48 are:

1 and _____

2 and _____

4 and _____

8 and _____

16 and _____

4 Study your list of factors. What patterns do you observe among the factors?

3a Is 48 a prime or a composite number?

b How do you know?