***Factoring***

Name: Div.: Date:

Use your knowledge of divisibility rules and prime numbers to find the prime factors of the following numbers. Use a factor tree to show your work.

Prime Numbers: 2, 3, 5, 7, 11, 13, 17, 19, 23 … 🡨Check the prime numbers if you are unsure.

|  |  |  |
| --- | --- | --- |
| 1. 24     \_\_\_\_ x \_\_\_\_ x \_\_\_\_ x \_\_\_\_ = 24 | 1. 32 | 1. 18 |
| 1. 36 | 1. 56 | 1. 54 |
| 1. 48 | 1. 72 | 1. 86 |
| 1. 64 | 1. 105 | 1. 225 |
| 1. 108 | 1. 126 | 1. 117 |