# Factor Chains

1. (Factors of **14**, excluding 14 itself) = {1, 2, 7}

1 + 2 + 7 = **10 14 – 10**

1. (Factors of **10**, excluding 10 itself) = {1, 2, 5}

1 + 2 + 5 = **8 14 – 10 – 8**

1. (Factors of **8**, excluding 8 itself) = {1, 2, 4}

1 + 2 + 4 = **7 14 – 10 – 8 – 7**

1. (Factors of **7**, excluding 7 itself) = {1}

**14 – 10 – 8 – 7 – 1**

**1 14 – 10 – 8 – 7 – 1 is a factor chain**

* Make your own factor chains from different numbers.
* Look for patterns to save you work.
* Record your factor chains on this paper.

# Factor Chains

**14** (Factors of **14**, excluding 14 itself) = {1, 2, 7}

1 + 2 + 7 = **10 14 – 10**

**10**  (Factors of **10**, excluding 10 itself) = {1, 2, 5}

1 + 2 + 5 = **8 14 – 10 – 8**

**8** (Factors of **8**, excluding 8 itself) = {1, 2, 4}

1 + 2 + 4 = **7 14 – 10 – 8 – 7**

**7** (Factors of **7**, excluding 7 itself) = {1}

**14 – 10 – 8 – 7 – 1**

**1 14 – 10 – 8 – 7 – 1 is a factor chain**

* Make your own factor chains from different numbers.
* Look for patterns to save you work.
* Record your factor chains on this paper.