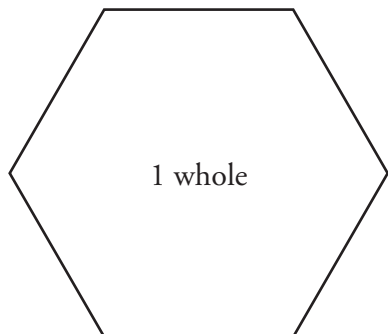
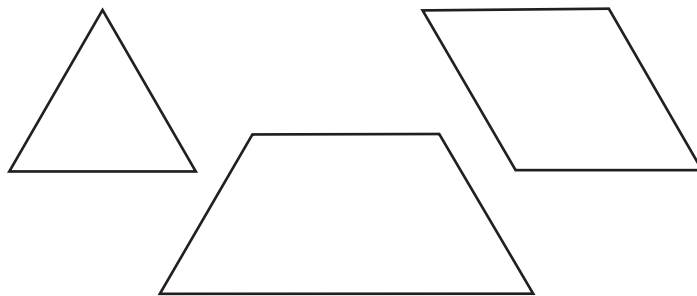


Fractions of an Area - Pattern Blocks

1. This hexagon is 1 whole cookie.



What fraction of the hexagon is each of these pattern blocks? Describe how you know.



2. Use Handout 5: Hexagon Cookies to find ways to make 1 whole cookie using the other pattern blocks. Trace the blocks and record the fractional amount for each piece. Write an equation next to each whole cookie (e.g., $1 = \frac{1}{2} + \frac{1}{2}$).

3. Record the “Fraction Facts” you discover below. Are there some combinations that are surprising to you?

| | |
|----------------------------|----------------------------|
| ways to make 1 | ways to make $\frac{1}{2}$ |
| ways to make $\frac{2}{3}$ | other combinations |