
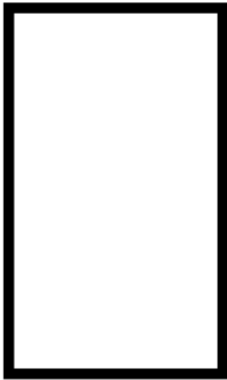
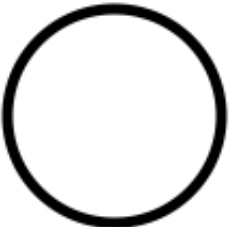


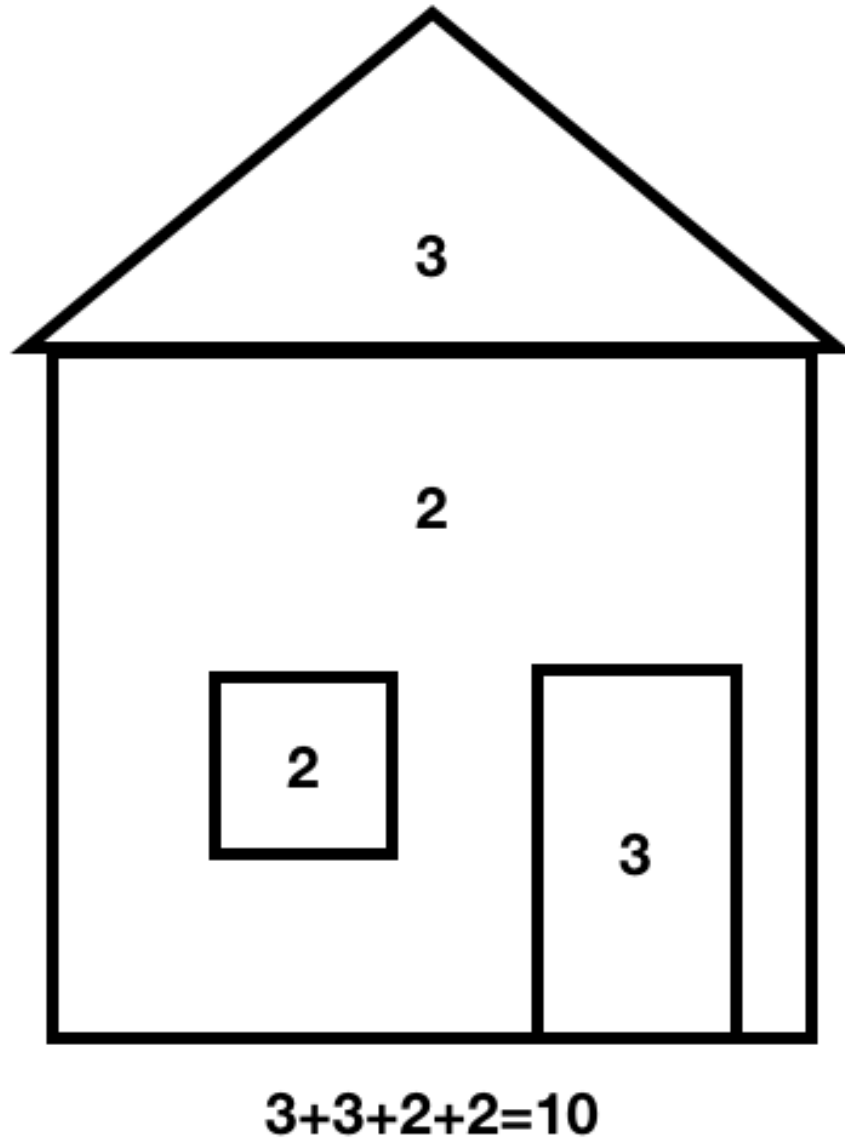


Shape Energy Values

This table has the energy cost of shapes; use this table to help you calculate how much power you used to draw a house.

	= 2		= 3
	= 1		
	= 3		= 6

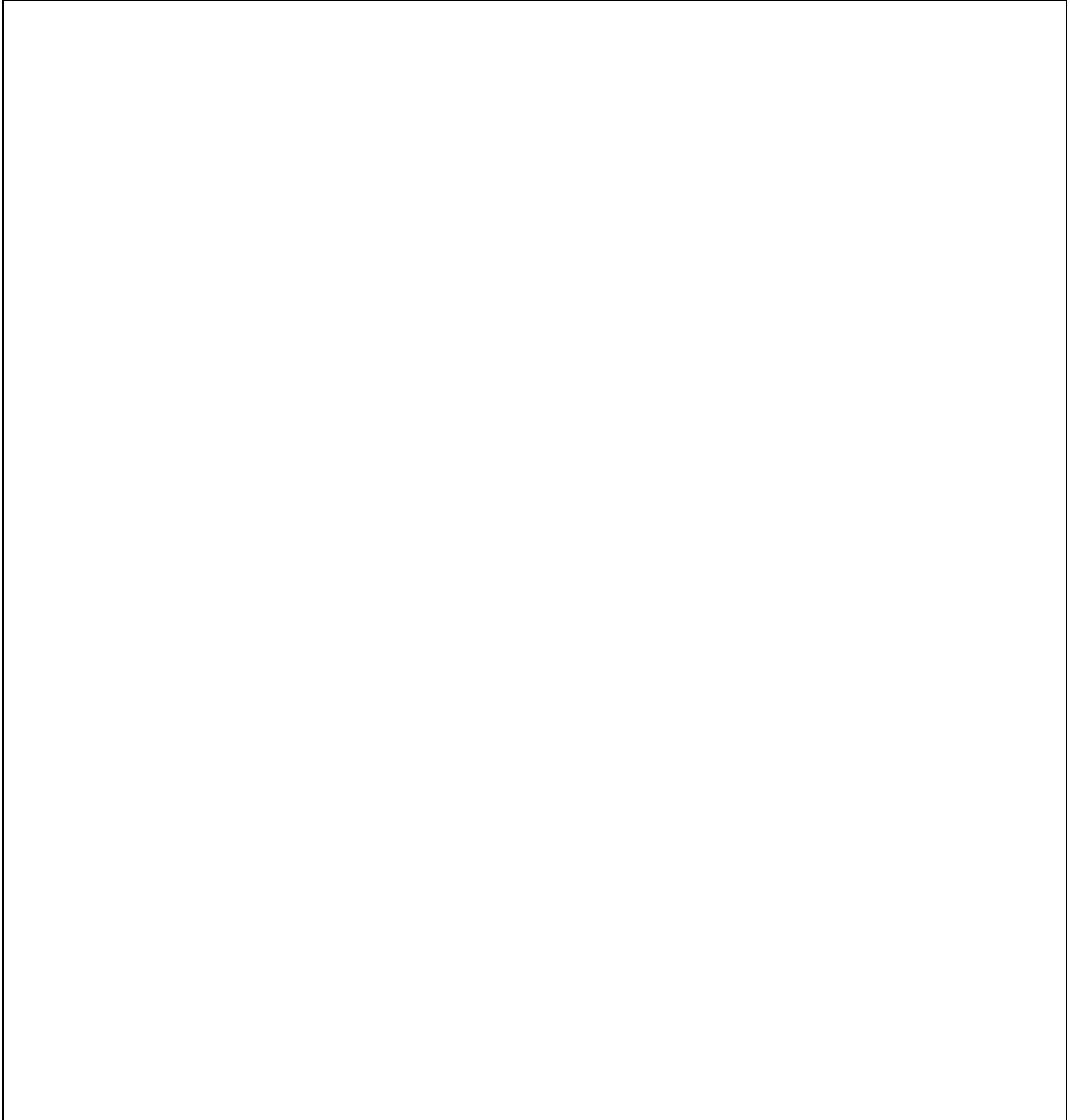
Example:



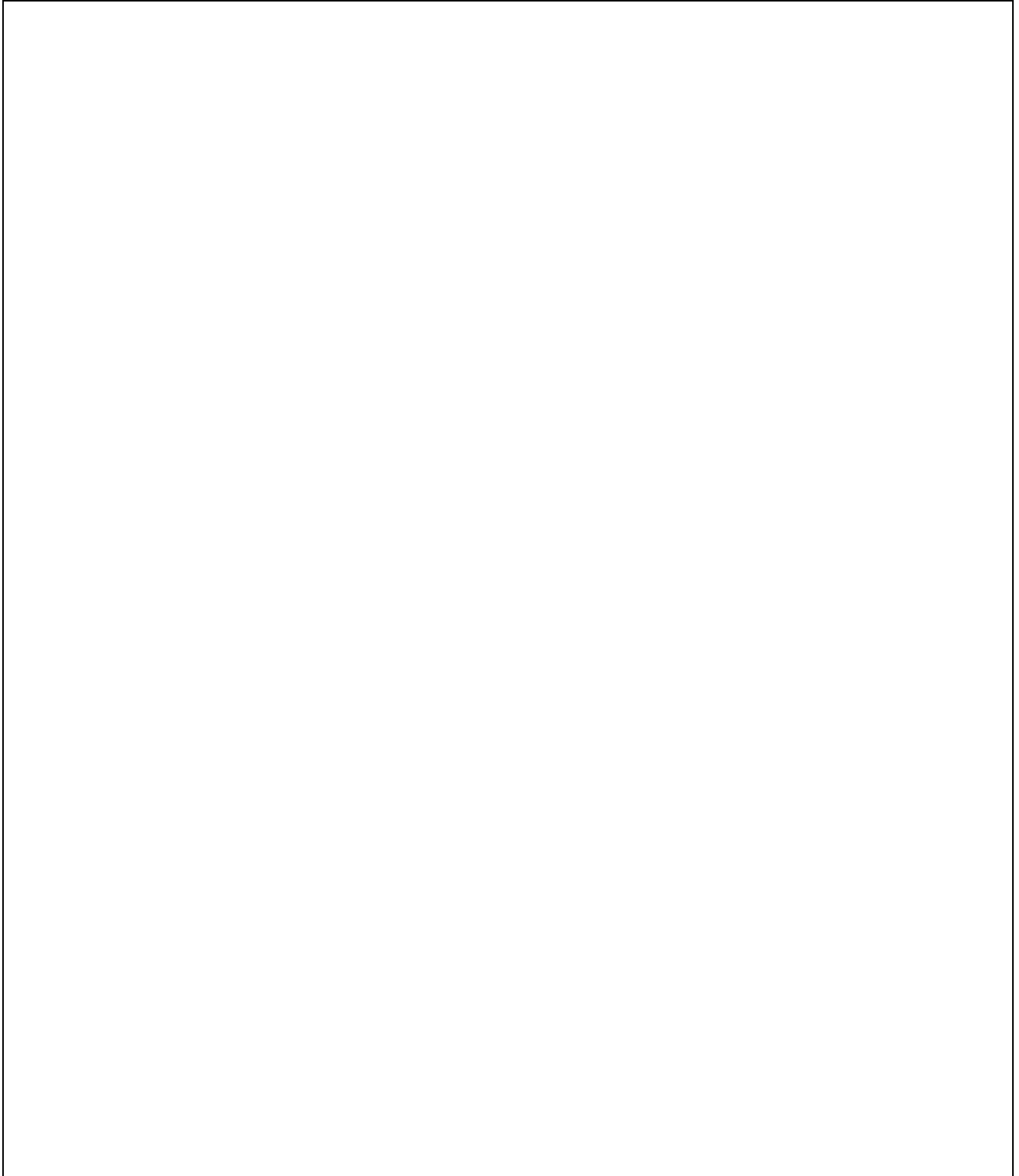
This house was drawn using one triangle, one rectangle and two squares. A triangle cost 3 energy and rectangle costs 3 energy. Squares cost 2 and there are two squares. So it's $3+3+2+2$, which equals 10. So this house costs 10 energy.

Challenges:

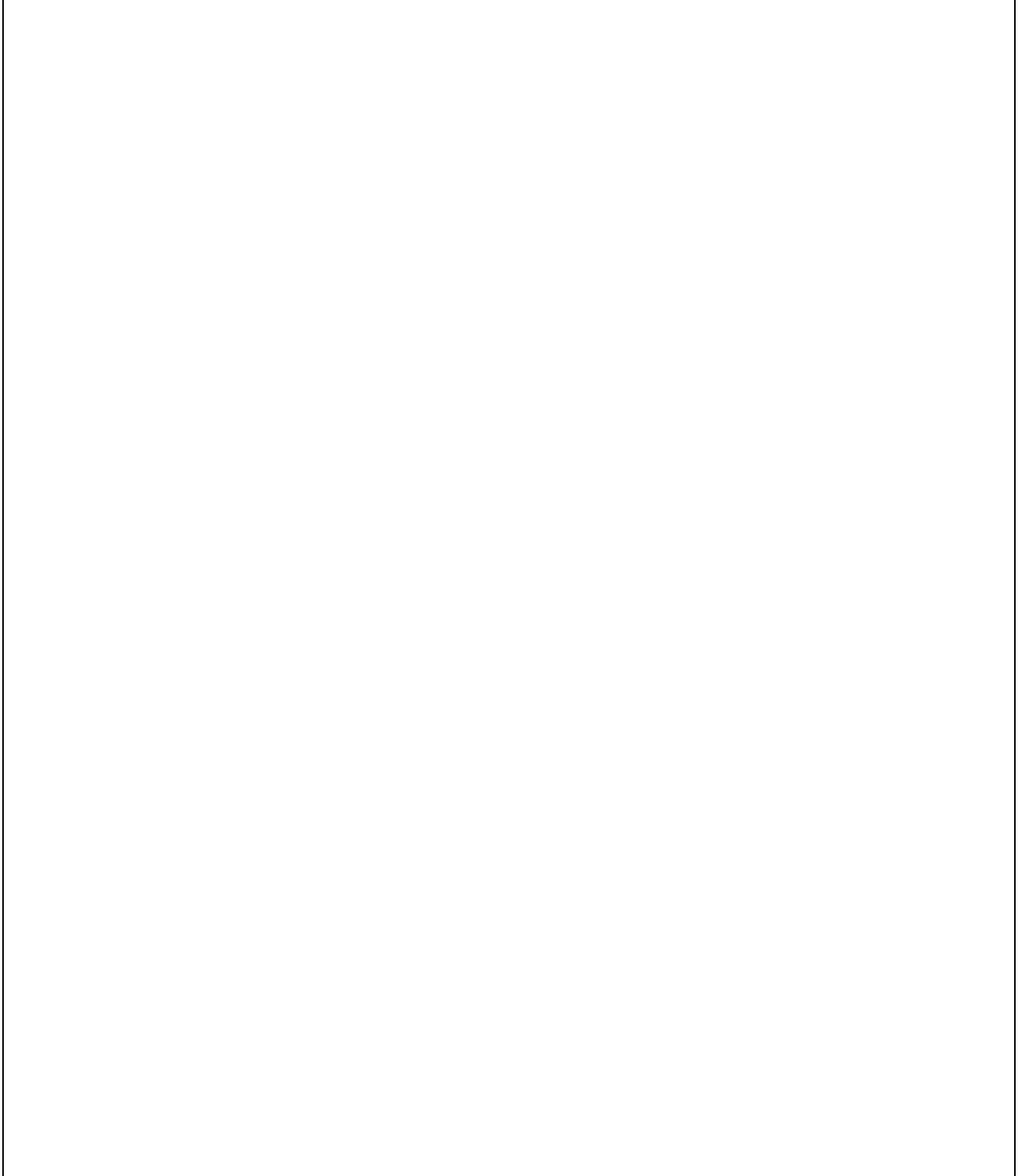
1. Draw a house with a roof a door and a window using only 10 energy.



2. Draw a house that has a roof a door and two windows with only 10 energy.
(You can use any of the shapes you want!)



3. Draw a house with three windows and a door using 15 energy.



4. Draw a house and use as many of the shapes as you want, then calculate the energy cost of you're your dream house!

