2.10 I've Got a Fill-in
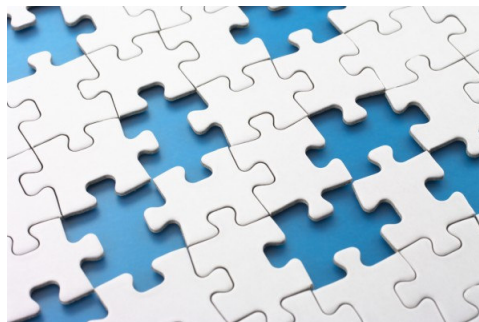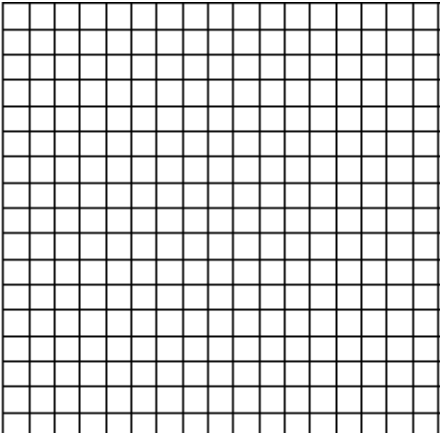
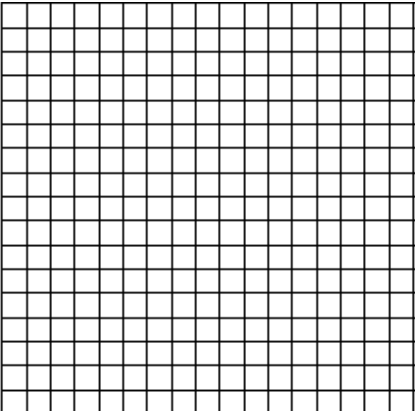## *A Practice Understanding Task*
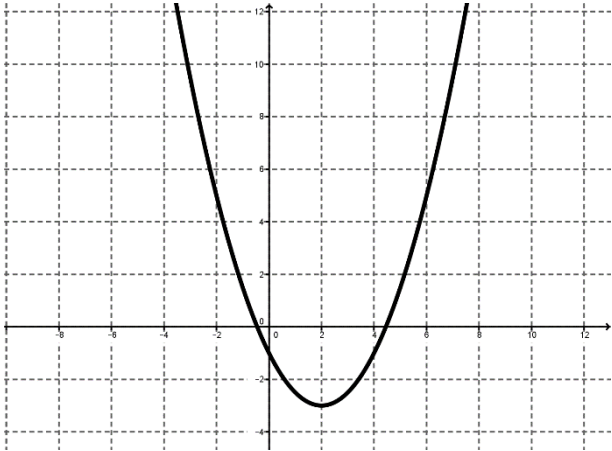
For each problem below, you are given a piece of information that tells you a lot. Use what you know about that information to fill in the rest.

1. You get this:	Fill in this:
$$y = x^2 - x - 12$$	Factored form of the equation:
	Graph of the equation:

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2. You get this:	Fill in this:
$$y = x^2 - 6x + 3$$	Vertex form of the equation:
	Graph of the equation:

3. You get this:	Fill in this:
	Vertex form of the equation:
	Standard form of the equation:

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4. You get this:	Fill in this:
	Factored form of the equation:
	Standard form of the equation:

5. You get this:	Fill in this:
$$y = -x^2 - 6x + 16$$	Either form of the equation other than standard form.
	Vertex of the parabola
	x-intercepts and y-intercept

6. You get this:	Fill in this:
$$y = 2x^2 + 12x + 13$$	Either form of the equation other than standard form.
	Vertex of the parabola
	x-intercepts and y-intercept

7. You get this:	Fill in this:
$$y = -2x^2 + 14x + 60$$	Either form of the equation other than standard form.
	Vertex of the parabola
	x-intercepts and y-intercept