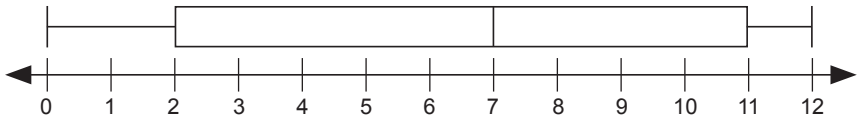
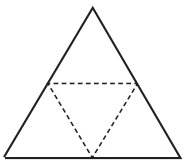
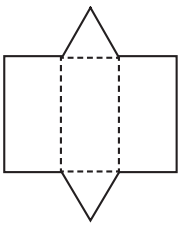
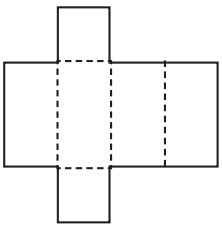
Maine Through Year Assessment Grade 6
Online Item Type Sampler Answer Key
Mathematics

Sequence	Key	Points
1.	**25** or equivalent	1
2.	$5x - x$ and $8x - 4x$ $6x + 4$ and $4x + 1 + 2x + 3$	1
3.	**Daily Sunshine**  **Hours of Sun**	1
4.	Part A: **6** or equivalent Part B: > > <	2
	Part A or Part B	1
5.	**Net 1**  Triangular Pyramid **Net 1** **Net 2**  Triangular Prism **Net 2** **Net 3**  Rectangular Prism **Net 3**	1
6.	$\frac{x}{25} = 140$	1
7.	point K point N	1
8.	(0, –1)	1
9.	<table><tr><th>Solution</th><th>Equations</th></tr><tr><td>$x = 4$</td><td>$9 = x + 5$ $8x = 32$</td></tr><tr><td>$x = 6$</td><td>$10 - x = 4$ $1.5x = 9$</td></tr></table>	1
10.	Part A: No, because the recipe uses 3 cups of lemon juice for every 2 cups of sugar, so there are $\frac{3}{2}$ cups of lemon juice per cup of sugar. Part B: sugar divided water	2
	Part A or Part B	1

Sequence	Key	Points
11.	1.75 feet	1
12.	$1\frac{7}{20}$ or $\square\frac{27}{20}$	1
13.	two 7 - 9	1
14.	**13** or equivalent	1
15.	Create 5 circles. Divide each circle into 9 equal sections. Put the sections into groups of 4 . The number of complete groups is the whole number part of the solution. The number of remaining sections is placed over 4 to find the fractional part of the solution.	1