## Algebra 2

## 0-02 Use Problem Solving Strategies and Models

	ulas						
Distance/Rate Temperature Area of a Triangle		d F A	$d = rt$ $F = \frac{9}{5}C + 32$ $A = \frac{1}{2}bh$			Perimeter of a Rectangle Area of a Trapezoid Area of a Circle	$P = 2\ell + 2w$ $A = \frac{1}{2}(b_1 + b_2)h$ $A = \pi r^2$ $C = 2\pi r$
Area of a Rectangle		A	$A = \ell w$			Circumierence of a Circle	$C = 2\pi r$
• Easiest t	o start by	writing a	an equati	on in		This is called a	
Ways to find a	verbal n	nodel					
• Use a							
Look for	a						
• Draw a _							
	the heigh	t h of a pa	aramotor	ist after <i>t</i>	t minutes. F	Find the height of the paramotorist	
The table shows	the neigh						after 8 minutes.
Гhe table shows Time (min), t	0	1	2	3	4		after 8 minutes.
The table shows Time (min), t Height (ft), h	0 2400	1 2190	2 1980	3 1770	4 1560		after 8 minutes.
Time (min), t Height (ft), h	0 2400	1 2190	2 1980	3 1770	4 1560		after 8 minutes.
The table shows Time (min), t Height (ft), h A bear walks 10	0 2400 niles tow	1 2190 ards the	2 1980 west. The	3 1770 en it turn	4 1560 s around a	nd walks back east for 2 miles to try	after 8 minutes.

