1 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -8v^2 + 8v + 4$$

A	$v = 4.116$	B	$v = 1.366$
C	$v = 1.134$		

2 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -5v^2 + 11v + 8$$

A	$v = 2.776$	B	$v = 4.776$
C	$v = 4.276$		

3 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -2v^2 + 10v + 6$$

A	$v = 5.541$	B	$v = 4.541$
C	$v = 3.541$		

4 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -4v^2 + 6v + 8$$

A	$v = 0.601$	B	$v = 2.851$
C	$v = 2.351$		

5 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -11v^2 + 10v + 4$$

A	$v = 1.71$	B	$v = 1.21$
C	$v = 3.96$		

6 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -8v^2 + 6v + 5$$

A		B	
$v = 1.25$		$v = 0.5$	

7 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -10v^2 + 10v + 6$$

A	$v = 1.078$	B	$v = 1.422$
C	$v = 0.172$		

8 Given this equation for profit as a function of production volume, what volume leads to zero profit?

$$P(v) = -5v^2 + 5v + 7$$

A	$v = 1.785$	B	$v = 2.535$
C	$v = 1.535$		