

**TABLE 18.32:** Lot-Sizing Techniques – EOQ Rule

<b>Product: Running Shoes</b>	<b>Week</b>							
<b>Low-Level Code: 0</b>								
<b>Lead Time: 1 week</b>								
<b>Lot Size: EOQ</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Gross Requirements	50	60	40	80	30	70	40	30
Scheduled Receipts								
Projected On-Hand Inventory = 50	0	10	40	30	0	0	0	0
Net Requirements		70	30	40	30	70	30	30
Planned Order Receipts		70	70	70		70	70	
Planned Order Releases	70	70	70		70	70		

Total Cost =  $5 \times 100 + (10 + 40 + 30) \times 2 = \$660$