

8) Ph = Visits a physical therapist      Ch = Visits a chiropractor

Ph	Ch	Both	Neither
$P(\text{Ph})$	$P(\text{Ph}) + 0.14$	0.22	0.12

Cal.  $P(\text{Ph})$

$$\text{Ph} + \text{Ch} - \text{Both} + \text{Neither} = 1$$

$$P(\text{Ph}) + (P(\text{Ph}) + 0.14) - 0.22 + 0.12 = 1$$

$$P(\text{Ph}) = (1 - 0.14 + 0.22 - 0.12) \times \frac{1}{2}$$
$$= 0.48$$

**D.**