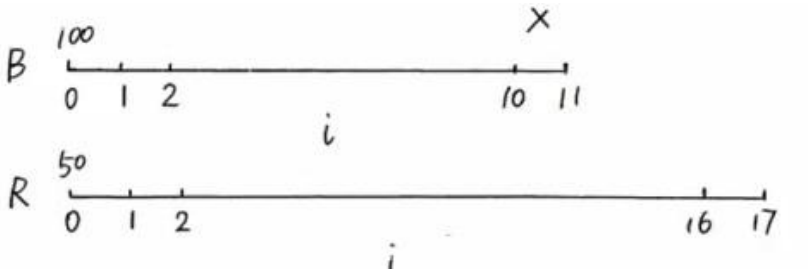

$100\cdot(1+i)^{10}\cdot i = X$

$50\cdot(1+i)^{16}\cdot i = X$

B: $100\cdot(1+i)^{10}\cdot i = X$ R: $50\cdot(1+i)^{16}\cdot i = X$

$X = 100\cdot(1+i)^{10}\cdot i = 50\cdot(1+i)^{16}\cdot i$

$$\frac{100\cdot(1+i)^{10}\cdot i}{50\cdot(1+i)^{10}\cdot i} = \frac{50\cdot(1+i)^{16}\cdot i}{50\cdot(1+i)^{10}\cdot i}$$

$$2 = (1+i)^6$$

$$1.122462 = 1+i$$

$$i = 12.2462\%$$

B: $100\cdot(1+i)^{10}\cdot i = X$ R: $50\cdot(1+i)^{16}\cdot i = X$ $i = 12.2462\%$

B: $X = 100\cdot(1+i)^{10}\cdot i$

$= 100\cdot 1.122462^{10}\cdot 0.122462$

$= 38.87926$

≈ 38.9

R: $X = 50\cdot(1+i)^{16}\cdot i$

$= 50\cdot 1.122462^{16}\cdot 0.122462$

$= 38.87926$

≈ 38.9

(E)