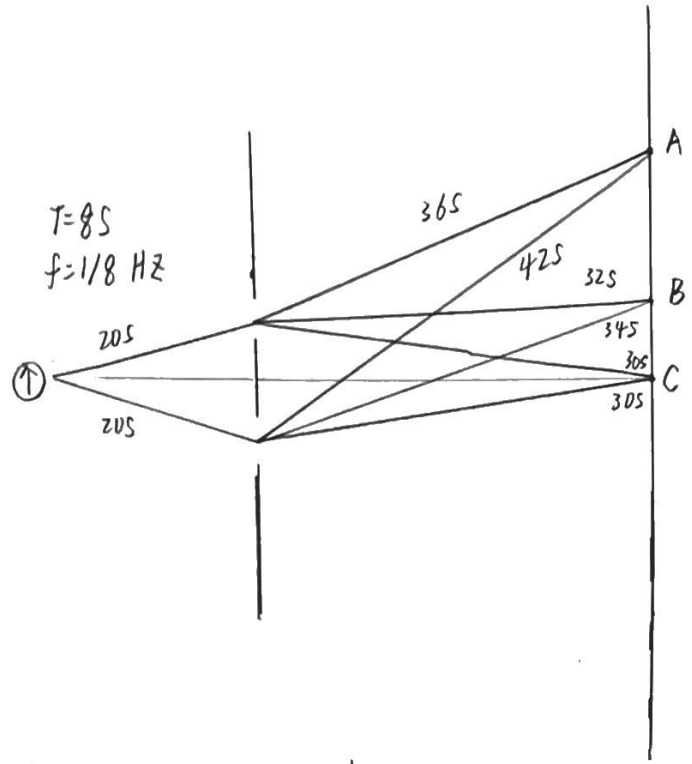


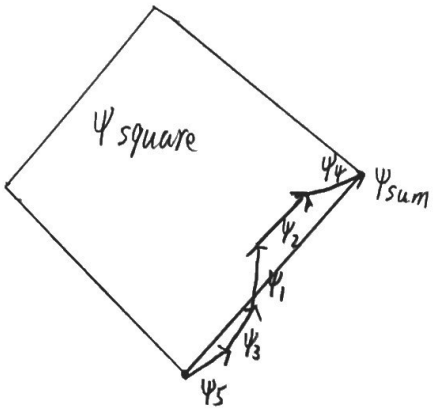
when light gets to the slit, $t = 20s$, $T = 8s$, thus $t = \frac{20}{8} = 2\frac{1}{2}T$.

Therefore the arrow points down when it gets to the slits: ⓓ

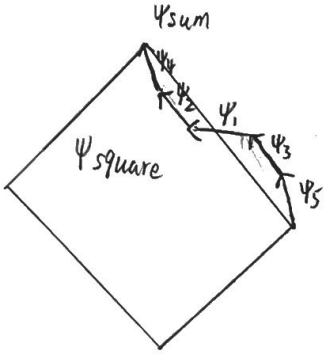
For AU: $t = 36s$ $t = \frac{36}{8} = 4\frac{1}{2}T$, Therefore, the arrow points up when it gets to AU: ⓤ. For the rest will be the same process.

Path	start	time traveled	end
AU	ⓓ	$4\frac{1}{2}T$	ⓤ
AD	ⓓ	$t = \frac{42}{8} = 5\frac{1}{4}T$	ⓛ
BU	ⓓ	$t = \frac{32}{8} = 4T$	ⓓ
BD	ⓓ	$t = \frac{34}{8} = 4\frac{1}{4}T$	ⓛ
CU	ⓓ	$t = \frac{30}{8} = 3\frac{3}{4}T$	ⓡ
CD	ⓓ	$t = \frac{30}{8} = 3\frac{3}{4}T$	ⓡ

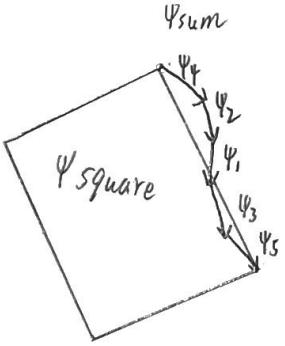
AU: ψ_1: ↑ ψ_2: ↗ ψ_3: ↗ ψ_4: ↗ ψ_5: ↗



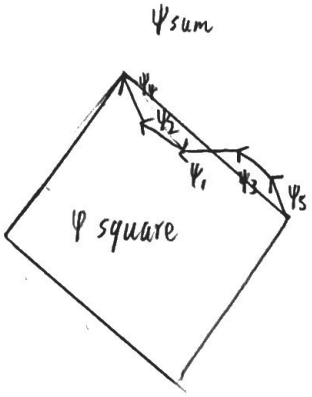
AD: ψ_1: ← ψ_2: ↖ ψ_3: ↖ ψ_4: ↑ ψ_5: ↑



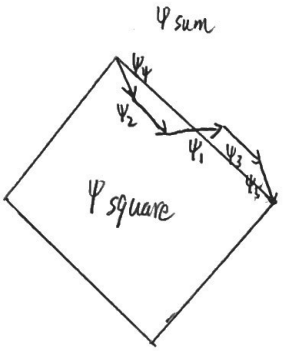
BU: ψ_1: ↓ ψ_2: ↓ ψ_3: ↓ ψ_4: ↘ ψ_5: ↘



BD: ψ_1: ← ψ_2: ↖ ψ_3: ↖ ψ_4: ↑ ψ_5: ↑



CW: ψ_1: → ψ_2: ↘ ψ_3: ↘ ψ_4: ↓ ψ_5: ↓



CD: ψ_1: → ψ_2: ↘ ψ_3: ↘ ψ_4: ↓ ψ_5: ↓