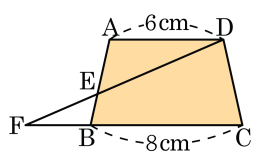
**1.** 다음 그림에서 □ABCD 는 $\overline{AD} // \overline{BC}$ 인 사다리꼴이다. $\overline{AE} : \overline{EB} = 7 : 4$, △AED $= 21\,\text{cm}^2$ 일 때, △DFC 의 넓이를 구하면?




① $\frac{400}{7}\ \text{cm}^2$ ② $\frac{320}{7}\ \text{cm}^2$ ③ $\frac{360}{7}\ \text{cm}^2$
④ $\frac{400}{7}\ \text{cm}^2$ ⑤ $\frac{440}{7}\ \text{cm}^2$