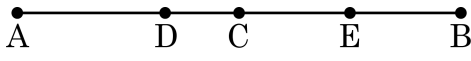


1. $\overline{AB} = 36\text{cm}$, $\overline{AC} = \frac{1}{2}\overline{AB}$, $\overline{AC} = 3\overline{DC}$, $\overline{CE} = \frac{1}{2}\overline{BC}$ 일 때, $\overline{DE}$ 의 길이를 구하여라.



▶ 답 : cm

▷ 정답 : 15 cm

해설

$$\overline{DC} = \frac{1}{3}\overline{AC} = \frac{1}{3} \times \frac{1}{2}\overline{AB} = 6(\text{cm}),$$

$$\overline{CE} = \frac{1}{2}\overline{BC} = \frac{1}{2} \times \frac{1}{2}\overline{AB} = 9(\text{cm}),$$

$$\therefore \overline{DE} = 6 + 9 = 15(\text{cm})$$