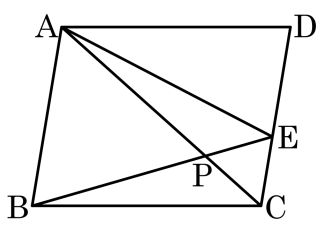
1. 다음 그림과 같은 평행사변형 ABCD 에 대한 설명으로 옳지 <u>않은</u> 것은?



① $\triangle ABC = \triangle ACD$

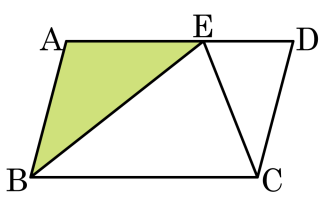
② $\triangle ACE = \triangle BCE$

③ $\triangle PAE = \triangle PBC$

④ $\triangle ABP = \triangle AED + \triangle PCE$

⑤ $\triangle PAB + \triangle PCE = \triangle PAE + \triangle PBC$

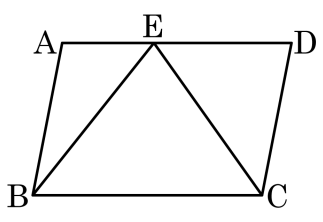
2. 다음 그림과 같은 평행사변형 ABCD에서 $\overline{AE} : \overline{ED} = 3 : 2$이고 $\square ABCD = 60cm^2$일 때, $\triangle ABE$의 넓이는?



① $18cm^2$ ② $22cm^2$ ③ $26cm^2$

④ $30cm^2$ ⑤ $34cm^2$

3. 다음 그림과 같은 평행사변형 ABCD에서 $\overline{AE} : \overline{DE} = 2 : 3$이고 $\triangle ABE = 10cm^2$일 때, $\triangle EBC$의 넓이는?



① $10cm^2$ ② $12cm^2$ ③ $15cm^2$

④ $20cm^2$ ⑤ $25cm^2$