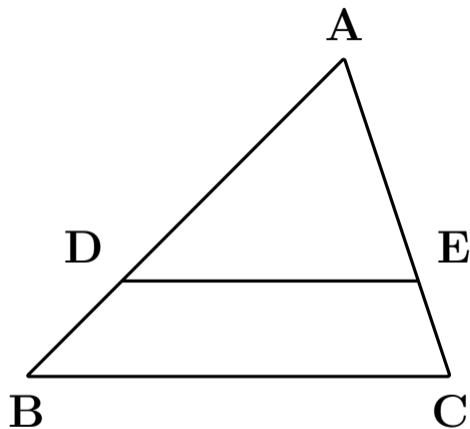


三角形と比（その2）

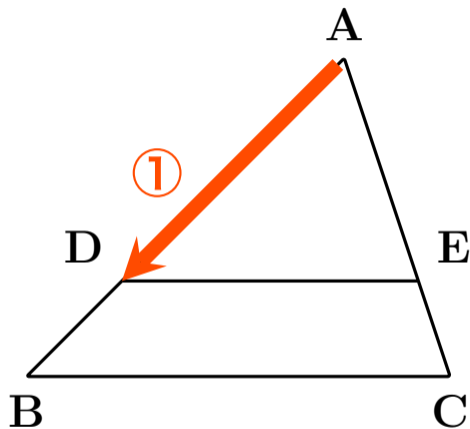


DE // BC ならば

$$\textcircled{1} : \textcircled{2} = \textcircled{3} : \textcircled{4}$$

($\textcircled{1} : \textcircled{3} = \textcircled{2} : \textcircled{4}$ でもよい)

三角形と比（その2）

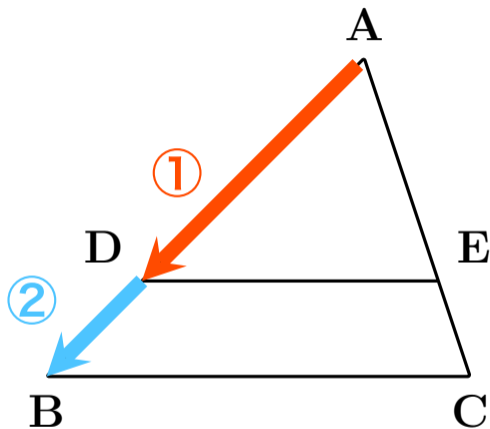


DE // BC ならば

$$\textcircled{1} : \textcircled{2} = \textcircled{3} : \textcircled{4}$$

($\textcircled{1} : \textcircled{3} = \textcircled{2} : \textcircled{4}$ でもよい)

三角形と比（その2）

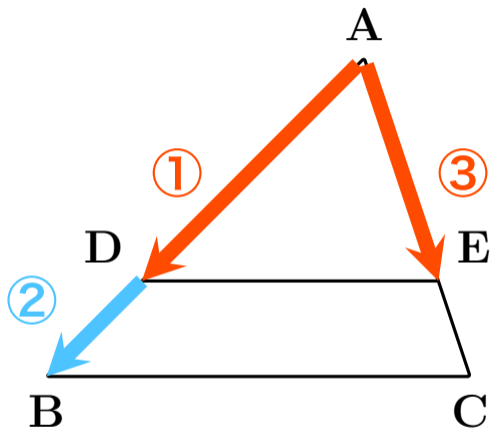


DE // BC ならば

$$\textcircled{1} : \textcircled{2} = \textcircled{3} : \textcircled{4}$$

($\textcircled{1} : \textcircled{3} = \textcircled{2} : \textcircled{4}$ でもよい)

三角形と比（その2）

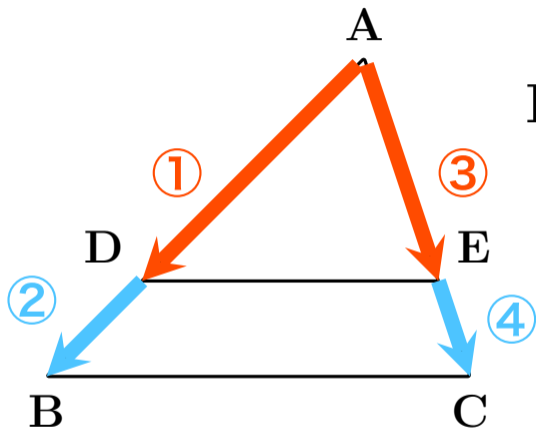


$DE \parallel BC$ ならば

$$\textcircled{1} : \textcircled{2} = \textcircled{3} : \textcircled{4}$$

($\textcircled{1} : \textcircled{3} = \textcircled{2} : \textcircled{4}$ でもよい)

三角形と比（その2）

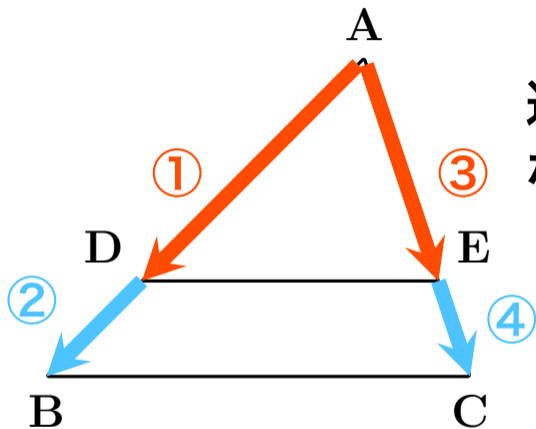


DE // BC ならば

$$\textcircled{1} : \textcircled{2} = \textcircled{3} : \textcircled{4}$$

($\textcircled{1} : \textcircled{3} = \textcircled{2} : \textcircled{4}$ でもよい)

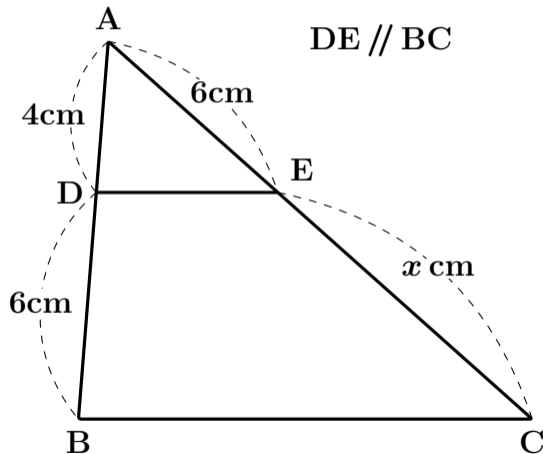
三角形と比（その2）



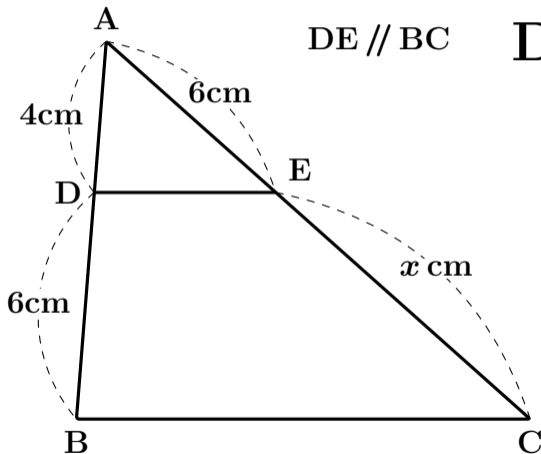
逆に ① : ② = ③ : ④
ならば

DE // BC が成り立つ

例題 (その 2)



例題 (その2)



$DE \parallel BC$

$DE \parallel BC$ なので

$$AD : DB = AE : EC$$

$$4 : 6 = 6 : x$$

$$4x = 36$$

$$x = 9\text{cm} \quad \boxed{\text{答}}$$