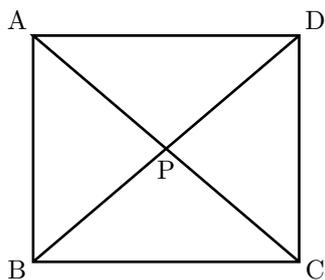


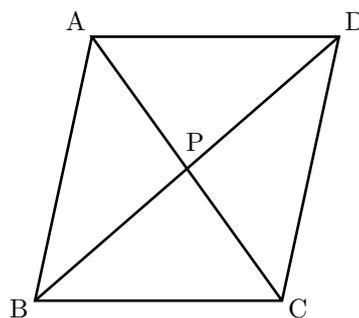
# 反射テスト 面積比 四角形と対角線 01

1. 下図の四角形の内部に面積比を書き込め。(S級 40秒, A級 1分, B級 1分30秒, C級 2分)

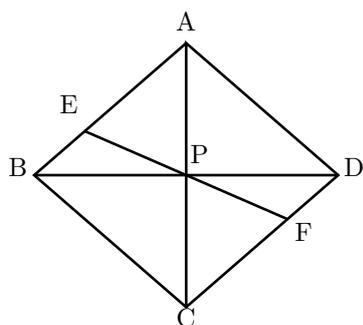
(1) 四角形 ABCD は長方形



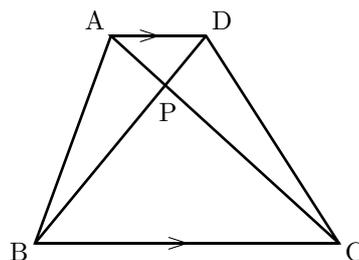
(2) 四角形 ABCD は平行四辺形



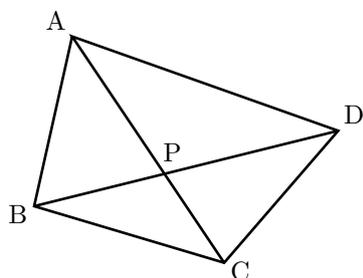
(3) 四角形 ABCD はひし形で,  $AE : EB = 2 : 1$



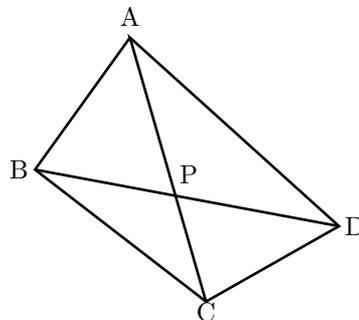
(4) 四角形 ABCD は台形で,  $AD : BC = 2 : 5$



(5)  $AP : PC = 4 : 3$ ,  $BP : PD = 5 : 7$

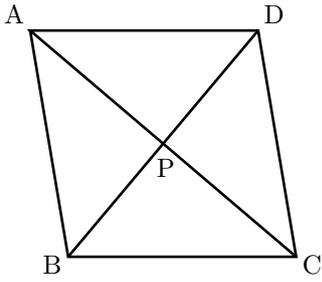


(6)  $AP : PC = 5 : 3$ ,  $BP : PD = 11 : 15$

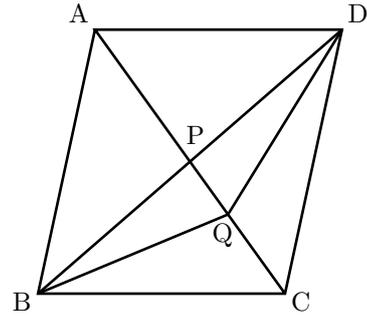


2. 下図の四角形の内部に面積比を書き込め。(S級40秒, A級1分, B級1分30秒, C級2分)

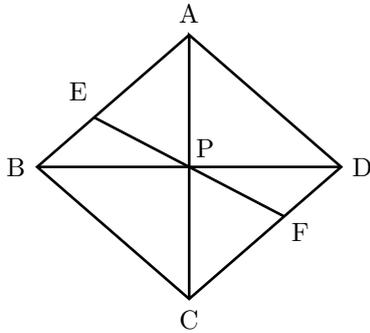
(1) 四角形 ABCD はひし形



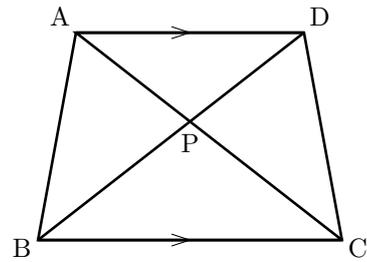
(2) 四角形 ABCD は平行四辺形で,  $PQ : QC = 2 : 3$



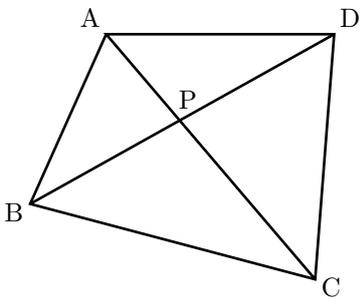
(3) 四角形 ABCD はひし形で,  $AE : EB = 5 : 3$



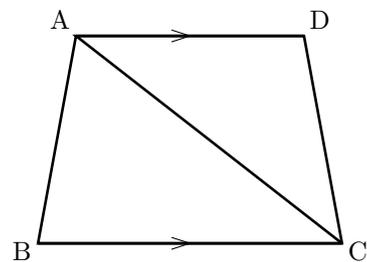
(4) 四角形 ABCD は台形で,  $AD : BC = 4 : 5$



(5)  $AP : PC = 2 : 5$ ,  $BP : PD = 5 : 6$



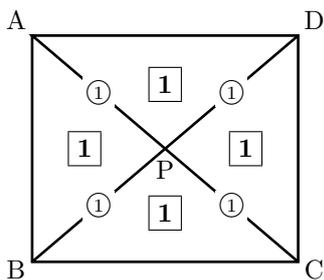
(6) 四角形 ABCD は台形で,  $AD : BC = 5 : 7$



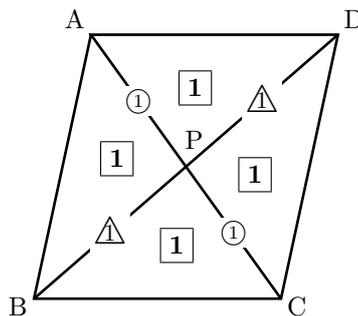
# 反射テスト 面積比 四角形と対角線 01 解答解説

1. 下図の四角形の内部に面積比を書き込め。(S級 40秒, A級 1分, B級 1分30秒, C級 2分)

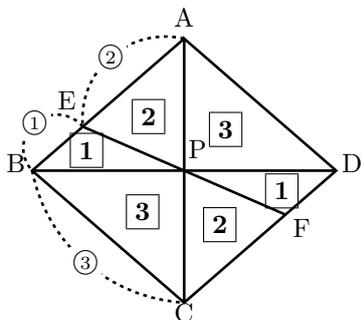
(1) 四角形 ABCD は長方形



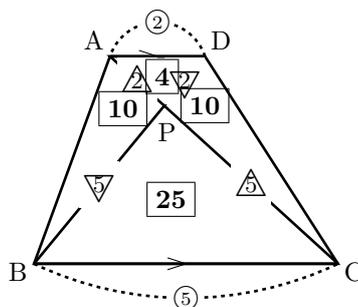
(2) 四角形 ABCD は平行四辺形



(3) 四角形 ABCD はひし形で,  $AE : EB = 2 : 1$

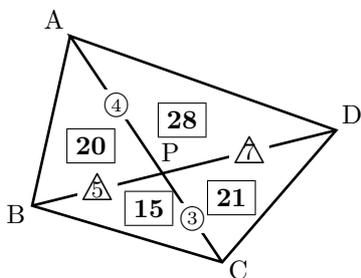


(4) 四角形 ABCD は台形で,  $AD : BC = 2 : 5$

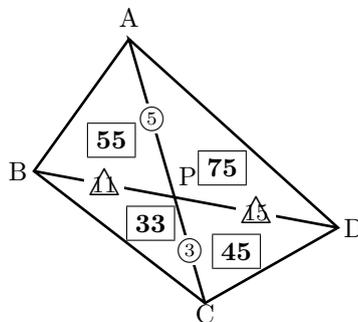


$$\triangle PDA \sim \triangle PBC$$

(5)  $AP : PC = 4 : 3$ ,  $BP : PD = 5 : 7$

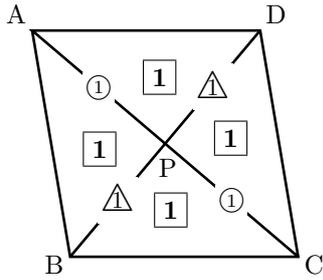


(6)  $AP : PC = 5 : 3$ ,  $BP : PD = 11 : 15$

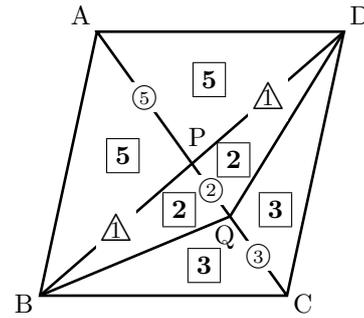


2. 下図の四角形の内部に面積比を書き込め。(S級40秒, A級1分, B級1分30秒, C級2分)

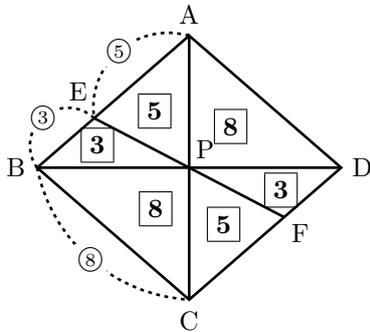
(1) 四角形 ABCD はひし形



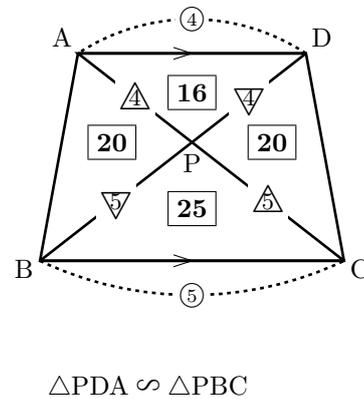
(2) 四角形 ABCD は平行四辺形で,  $PQ : QC = 2 : 3$



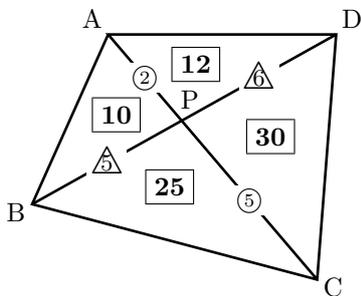
(3) 四角形 ABCD はひし形で,  $AE : EB = 5 : 3$



(4) 四角形 ABCD は台形で,  $AD : BC = 4 : 5$



(5)  $AP : PC = 2 : 5$ ,  $BP : PD = 5 : 6$



(6) 四角形 ABCD は台形で,  $AD : BC = 5 : 7$

