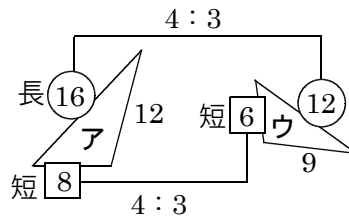
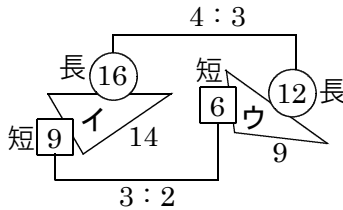
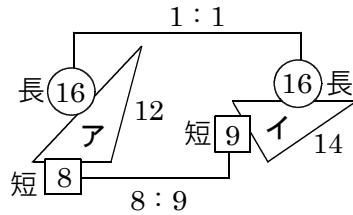
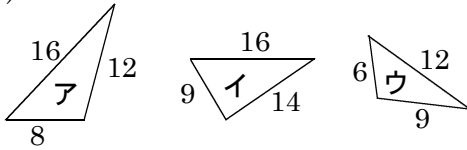


例題

下の(1)~(3)の中から相似な三角形を選び出し、そのときに使った相似条件を答えよ。

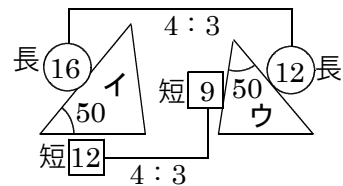
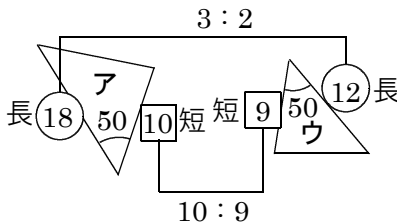
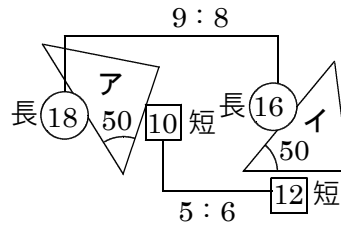
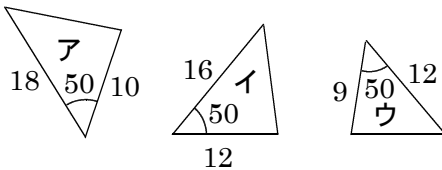
(1)



答 アとウ 3組の辺の比がすべて等しい

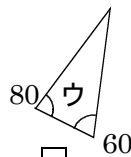
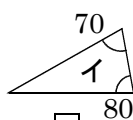
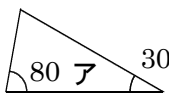
残りの辺 $\Rightarrow 12:9=4:3$

(2)



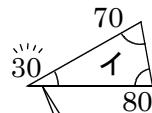
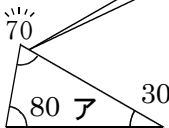
答 イとウ 2組の辺の比とその間の角がそれぞれ等しい

(3)



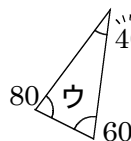
3つ目の角を、必ず求めて比べてみる！

$$180 - 80 - 30 = 70$$



$$180 - 80 - 70 = 30$$

$$180 - 80 - 60 = 40$$



答 アとイ 2組の角がそれぞれ等しい