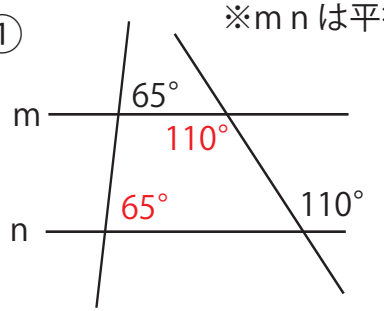
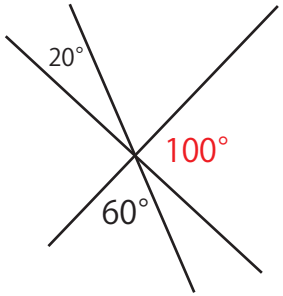
いろいろな角と多角形

①

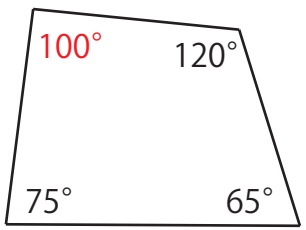
※m n は平行



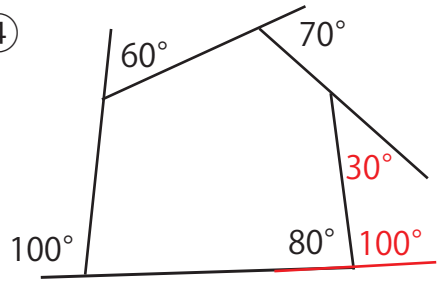
②



③

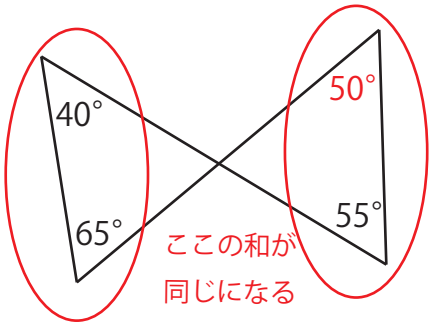


④

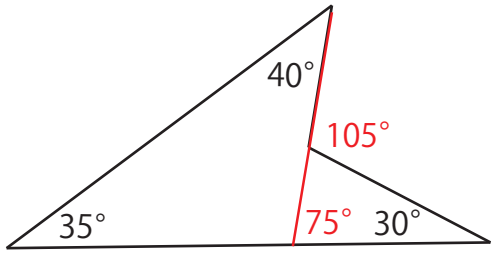


外角は合わせて 360° になるので

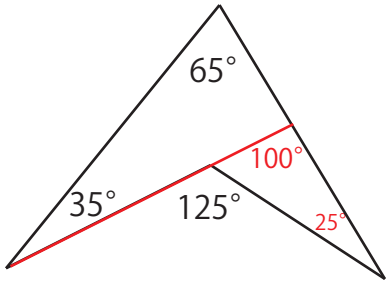
⑤



⑥

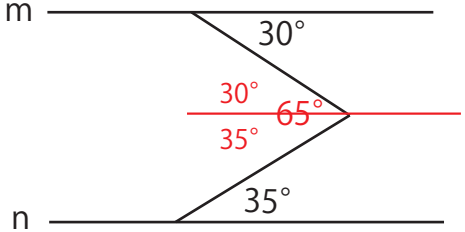


⑦



⑧

※m n は平行



⑨

大きな三角形に注目して

●●＋○○＋60＝180° になる

よって●＋○＝60° とわかる

小さい三角形に注目して X＝120° とわかる

⑩

小さな三角形に注目して

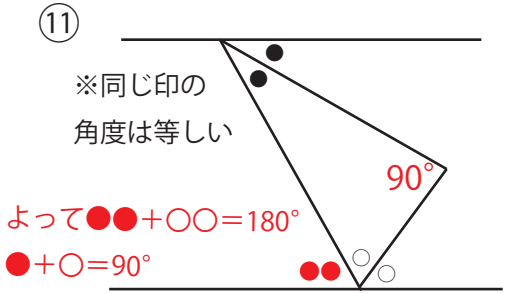
●＋○＋130＝180° になる

よって●＋○＝50° とわかる

●●＋○○＝100° になるので

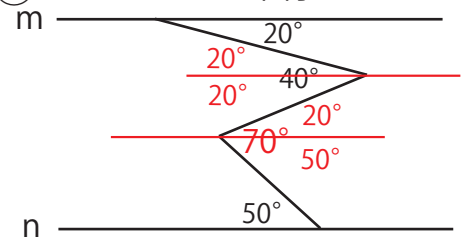
X=80° となる

⑪



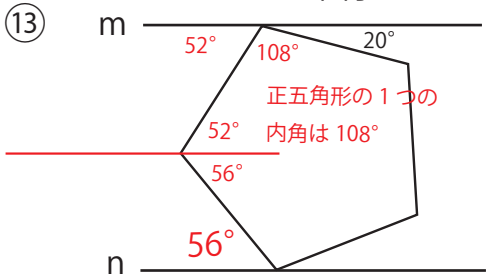
⑫

※m n は平行



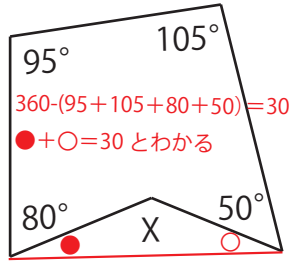
⑬

※m n は平行

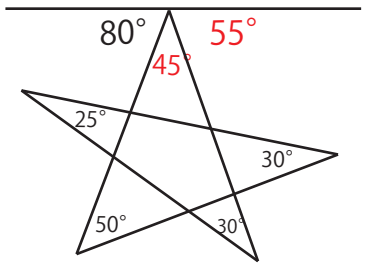


図は正五角形

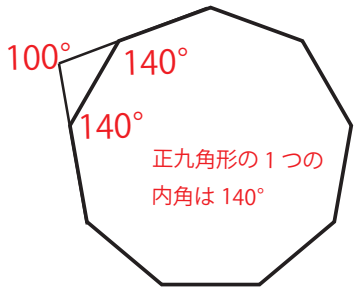
⑭



⑮



⑯



※図は正九角形