

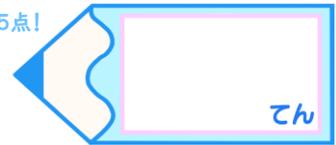


図形の角 12

● 正多角形の
一つの内角



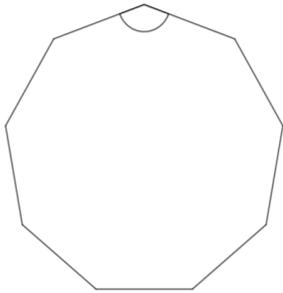
目指せ75点!



名まえ _____

1 次の正多角形の1つの角の大きさを求めましょう。(各25点)

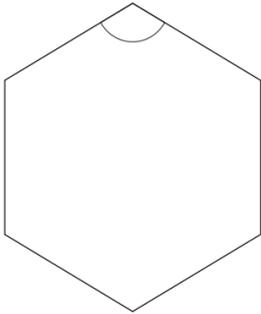
① 正九角形



正九角形の内角の和は

答え: _____

② 正六角形

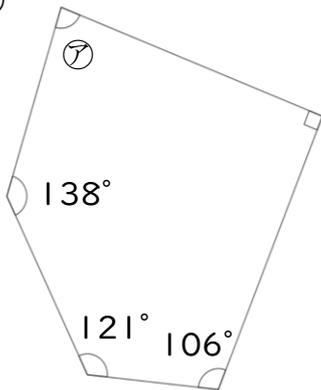


正六角形の内角の和は

答え: _____

2 次の図で、⑦・①の角度は何度ですか。計算で求めましょう。(各25点)

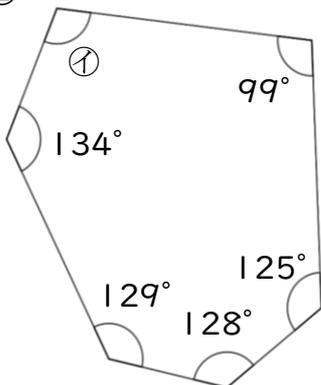
①



⑦ =

答え: _____

②



① =

答え: _____



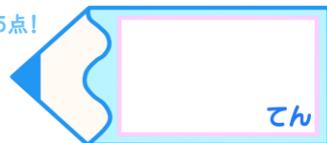
図形の角 12

● 正多角形の
一つの内角



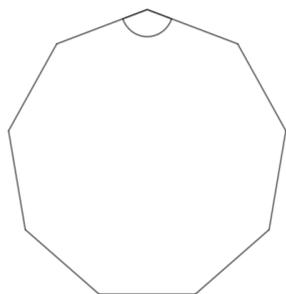
名まえ _____

目指せ75点!



1 次の正多角形の1つの角の大きさを求めましょう。(各25点)

① 正九角形

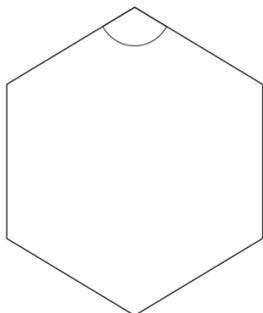


正九角形の内角の和は 1260°

$$1260 \div 9 = 140$$

答え: 140°

② 正六角形



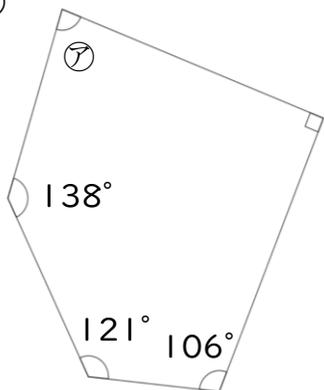
正六角形の内角の和は 720°

$$720 \div 6 = 120$$

答え: 120°

2 次の図で、⑦・①の角度は何度ですか。計算で求めましょう。(各25点)

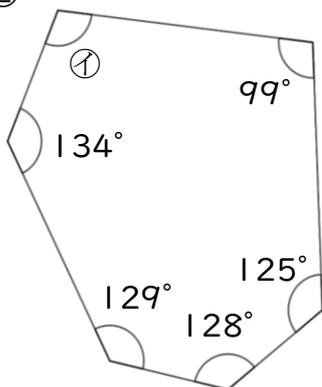
①



$$\begin{aligned} \textcircled{7} &= 540 - (121 + 138 + 90 + 106) \\ &= 540 - 455 \\ &= 85 \end{aligned}$$

答え: 85°

②



$$\begin{aligned} \textcircled{1} &= 720 - (129 + 134 + 99 + 125 + 128) \\ &= 720 - 615 \\ &= 105 \end{aligned}$$

答え: 105°