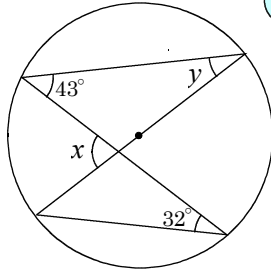
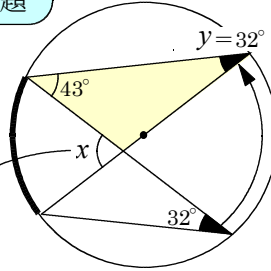


例題1

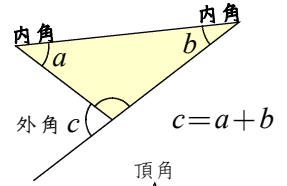
外角を使う問題



三角形の外角で
 $43 + 32 = 75$

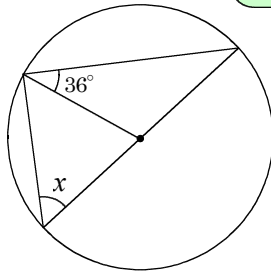


外角の性質を利用

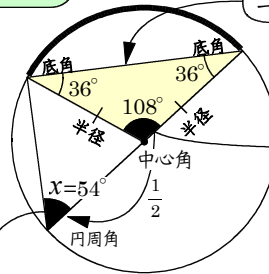


例題2

円は二等辺三角形の巣

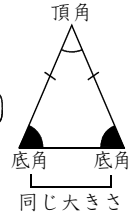


$108 - 54 = 54$



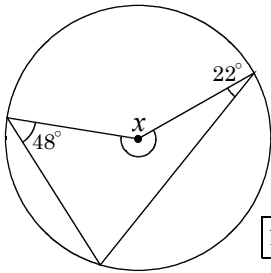
二等辺三角形

$180 - 36 - 36 = 108$

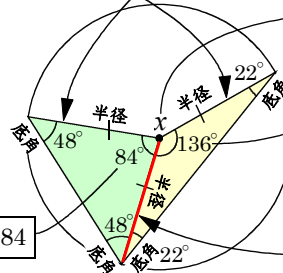


例題3

二等辺三角形



$180 - 48 - 48 = 84$



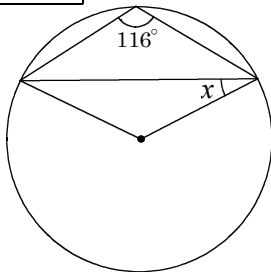
$84 + 136 = 220$

$180 - 22 - 22 = 136$

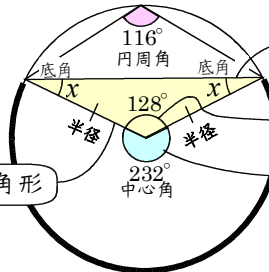
補助線が重要ポイント

補助線を引いて二等辺三角形をつくるのがポイント!

例題4



二等辺三角形

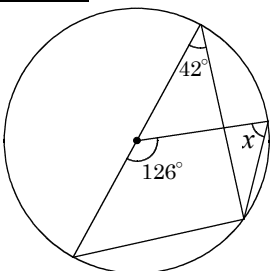


x ひとつ分は
 $(180 - 128) \div 2 = 26$

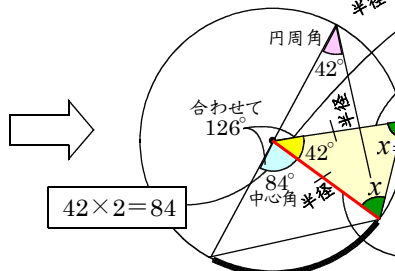
$360 - 232 = 128$

$116 \times 2 = 232$

例題5



$42 \times 2 = 84$



$126 - 84 = 42$

二等辺三角形

x ひとつ分は
 $(180 - 42) \div 2 = 69$

補助線が重要ポイント

補助線を引いて二等辺三角形をつくるのがポイント!