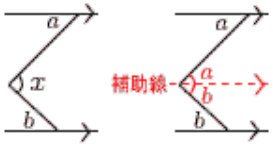
2年数学 4 平行と合同	（6） いろいろな角度 2	学習日　　月　　日（　　）

平行線とギザギザ → 平行に**補助線**

錯角の和

$x=a+b$



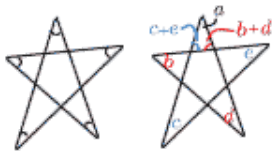
星形の角度 → 外角を利用

5つの角の和

$x=a+b+c+d+e$

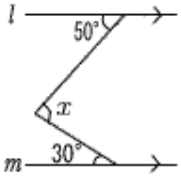
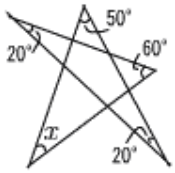
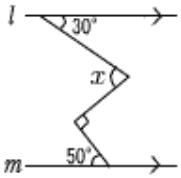
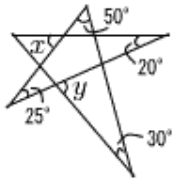
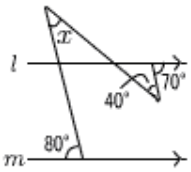
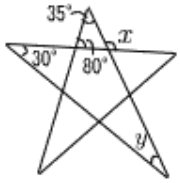
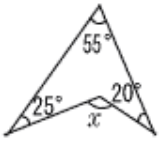
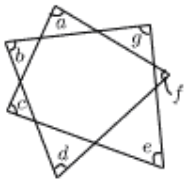
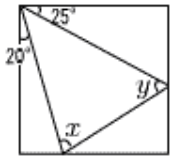
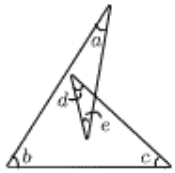
$=a+(c+e)+(b+d)$

$=180°$



印刷して、紙の上でやってネ！

次の図で,$\angle x$,$\angle y$の大きさを求めなさい。

1	$l\,//m$のとき $\angle x=$		2	$\angle x=$	
3	$l\,//m$のとき $\angle x=$		4	$\angle x=$ $\angle y=$	
5	$l\,//m$のとき $\angle x=$		6	$\angle x=$ $\angle y=$	
7	$\angle x=$		8	7つの角の和 $\angle x=\angle a+\angle b+\cdots+\angle g$ $=$	
9	外側が正方形のとき $\angle x=$ $\angle y=$		10	5つの角の和 $\angle x=\angle a+\angle b+\cdots+\angle e$ $=$	

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