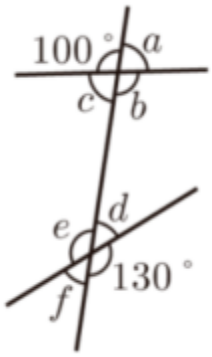
Name:_____

Angles in parallel lines

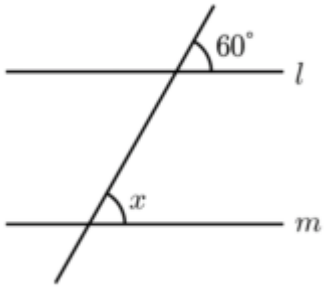
Angles in parallel lines

HANA MATH

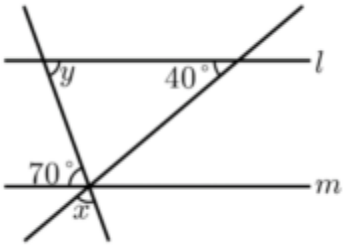
1 In the following figure, find the measure of the corresponding angle to $\angle a$.



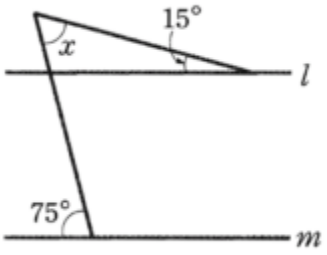
2 In the figure below, if $l \parallel m$, find the measure of $\angle x$.



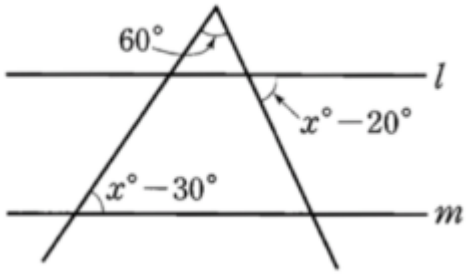
3 In the figure below, if $l \parallel m$, find the sum of the measures of $\angle$x and $\angle$y.



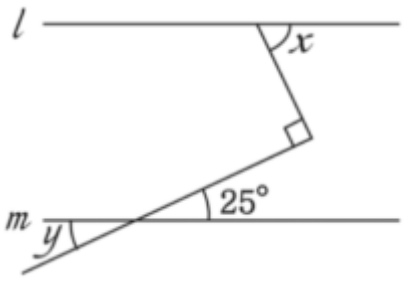
4 In the figure below, if $l \parallel m$, find the measure of $\angle x$.



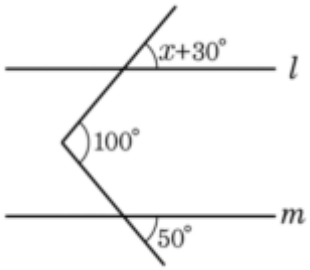
5 In the figure below, if $l \parallel m$, find the measure of $\angle x$.



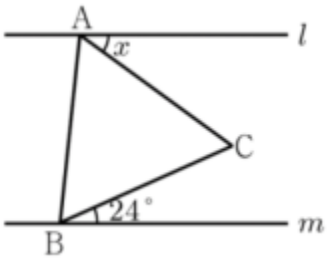
6 In the figure below, if $l \parallel m$, find the sum of the measures of $\angle$x and $\angle$y.



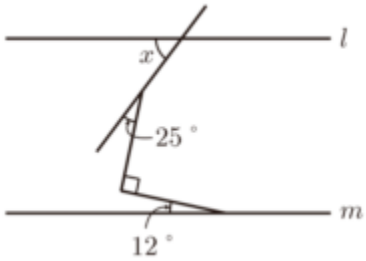
7 In the figure below, if $l \parallel m$, find the measure of $\angle x$.



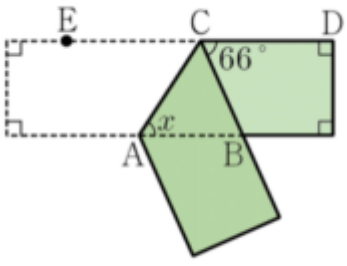
8 In the figure below, $l \parallel m$, and triangle *ABC* is an equilateral triangle. Find the measure of $\angle x$.



9 In the figure below, find the measure of $\angle x$.



10 A paper tape is folded such that $\angle BCD = 66^\circ$, find the measure of $\angle x$.



Name:_____

Answer sheet

1 Answer: 50°

2 Answer: 60°

3 Answer: 140°

4 Answer: 60°

5 Answer: 85

6 Answer: 90°

7 Answer: 20°

8 Answer: 36°

9 Answer: 53°

10 Answer: 57°