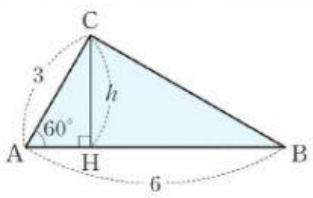
6	삼각비 6차시 형성평가	IV. 삼각비 2. 삼각비의 활용 **학습주제 : 삼각비를 활용하여 넓이 구하기** (교과서 p.173~176)	학번	
			이름	

1 다음 삼각형의 높이 h와 넓이 S를 구하시오.

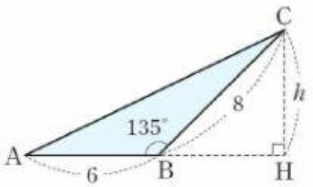
(1)



$h=\dfrac{\square\sqrt{\square}}{\square}$

$S=\dfrac{\square\sqrt{\square}}{\square}$

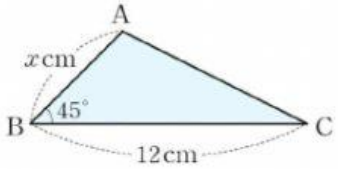
(2)



$h=\square\sqrt{\square}$

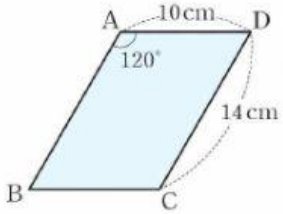
$S=\square\sqrt{\square}$

2 삼각형의 넓이 $S=24\,\text{cm}^2$일 때, x의 값을 구하시오.



$x=\square\sqrt{\square}$

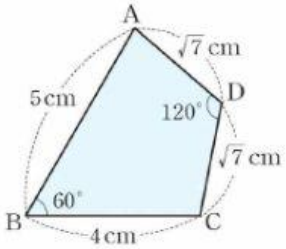
3 오른쪽 그림과 같은 평행사변형 ABCD에서 $\overline{AD}=10\,\text{cm}$, $\overline{CD}=14\,\text{cm}$이고, $\angle A=120^\circ$ 일 때, 평행사변형 ABCD의 넓이를 구하시오.



답: $\square\sqrt{\square}\,\text{cm}^2$

4 다음 그림과 같은 □ABCD의 넓이를 구하시오.

답: $\dfrac{\square\sqrt{\square}}{\square}\,\text{cm}^2$



LIVEWORKSHEETS