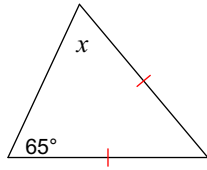


4.6 Warm-Up

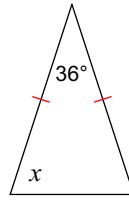
Find the value of  $x$ .

1)



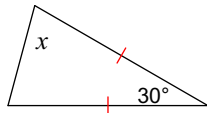
- A)  $57^\circ$
- B)  $70^\circ$
- C)  $76^\circ$
- D)  $65^\circ$

2)



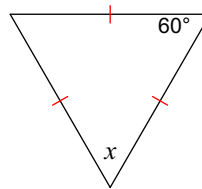
- A)  $72^\circ$
- B)  $66^\circ$
- C)  $67^\circ$
- D)  $70^\circ$

3)



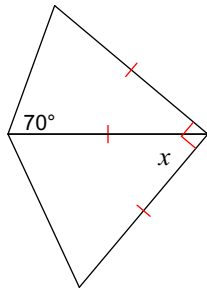
- A)  $50^\circ$
- B)  $67^\circ$
- C)  $79^\circ$
- D)  $75^\circ$

4)



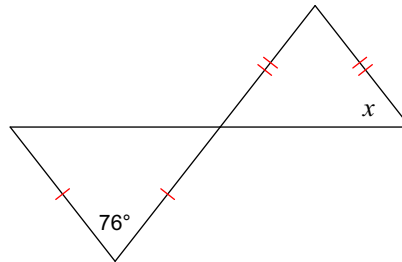
- A)  $74^\circ$
- B)  $53^\circ$
- C)  $39^\circ$
- D)  $60^\circ$

5)



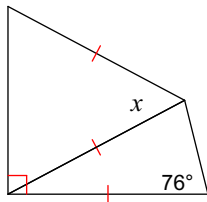
- A)  $54^\circ$
- B)  $50^\circ$
- C)  $36^\circ$
- D)  $68^\circ$

6)



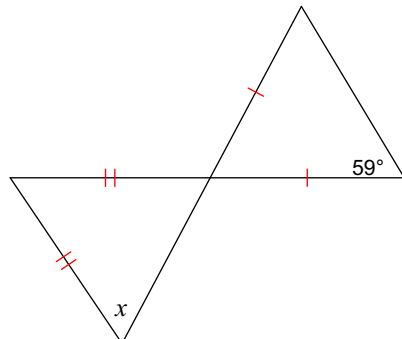
- A)  $67^\circ$
- B)  $60^\circ$
- C)  $52^\circ$
- D)  $37^\circ$

7)



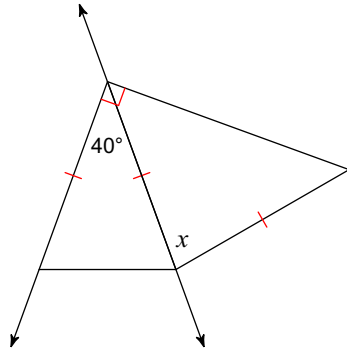
- A)  $60^\circ$
- B)  $52^\circ$
- C)  $42^\circ$
- D)  $56^\circ$

8)



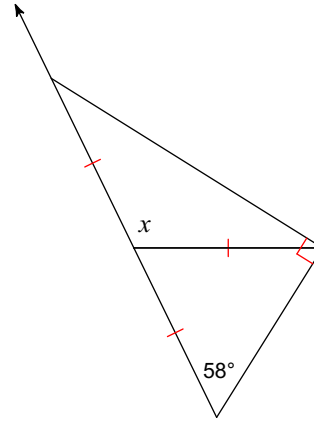
- A)  $65^\circ$
- B)  $79^\circ$
- C)  $76^\circ$
- D)  $62^\circ$

9)



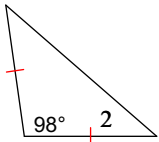
- A)  $80^\circ$       B)  $87^\circ$   
 C)  $95^\circ$       D)  $93^\circ$

10)



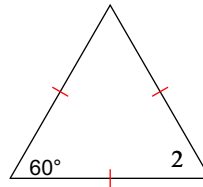
- A)  $156^\circ$       B)  $154^\circ$   
 C)  $122^\circ$       D)  $116^\circ$

11)  $m\angle 2 = x + 47$



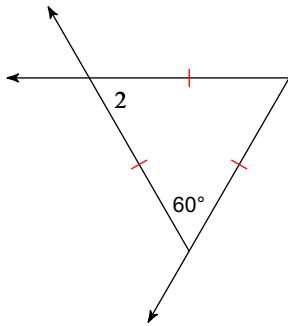
- A) -9      B) -6  
 C) 11      D) -7

12)  $m\angle 2 = 5x + 5$



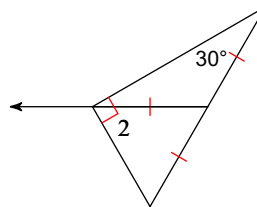
- A) 11      B) -9  
 C) 9      D) -7

13)  $m\angle 2 = x + 71$



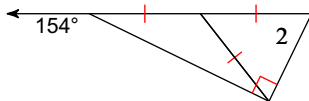
- A) -7      B) 8  
 C) 11      D) -11

14)  $m\angle 2 = 7x - 10$



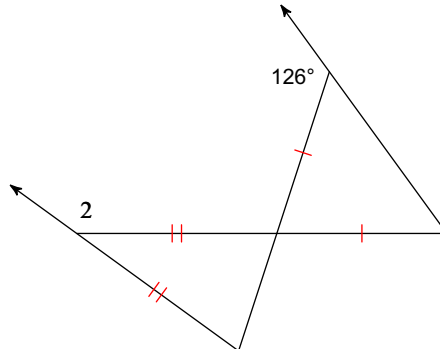
- A) 9      B) 8  
 C) 12      D) 10

15)  $m\angle 2 = 10x + 4$



- A) -7      B) 6  
 C) -9      D) 8

16)  $m\angle 2 = -6 + 25x$



- A) 7      B) 12  
 C) 8      D) 6

## Answers to 4.6 Warm-Up (ID: 1)

1) D  
5) B  
9) A  
13) D

2) A  
6) C  
10) D  
14) D

3) D  
7) D  
11) B  
15) B

4) D  
8) D  
12) A  
16) D