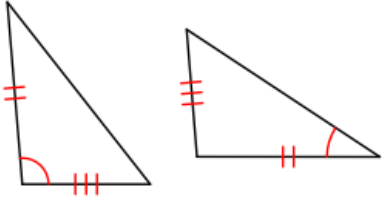


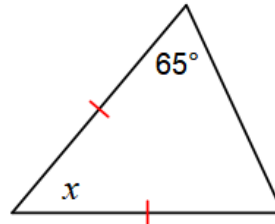
Assessment 4

1



- A) Not enough information
- B) HL
- C) SAS
- D) SSS

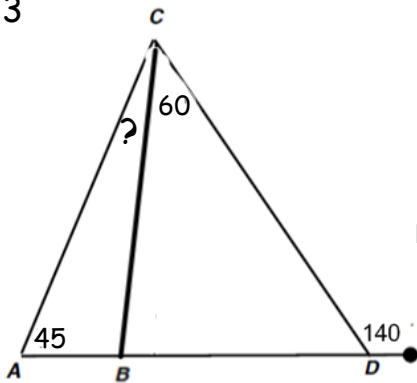
2



- A) 63°
- B) 50°
- C) 40°
- D) 51°

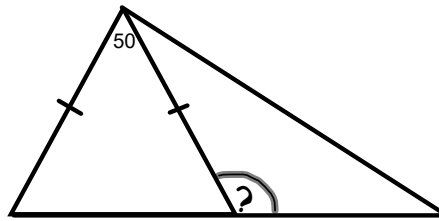
what is the measure of $\angle ACB$?

3



- A. 24
- B. 35
- C. 58
- D. 75
- E. 140

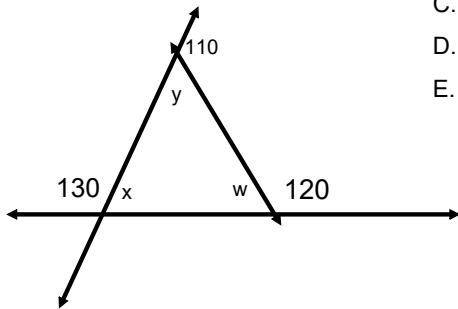
4 Find measure of marked angle



- A. 50
- B. 65
- C. 85
- D. 100
- E. 115

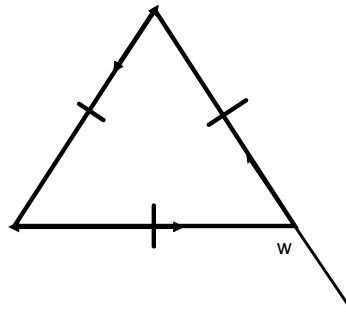
What is the sum of angles x and y ?

5



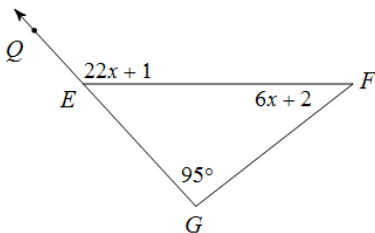
- A. 95
- B. 85
- C. 120
- D. 110
- E. 130

6 Find the measure of w .



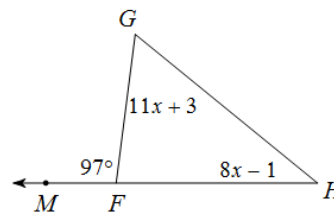
- A. 60
- B. 85
- C. 110
- D. 120
- E. 130

7 Solve for x .



- A) 11
- B) 2
- C) 6
- D) 5

8 Solve for x .

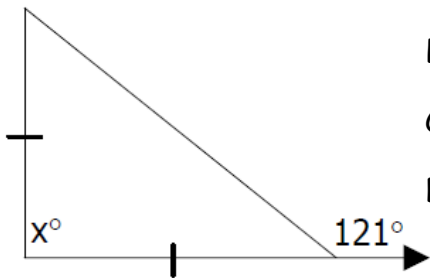


- A) 7
- B) 9
- C) 6
- D) 5

Assessment 4

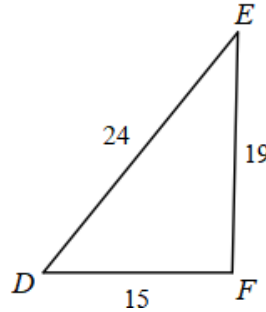
9

$x = \underline{\hspace{2cm}}$



- A. 62
- B. 59
- C. 90
- D. 121

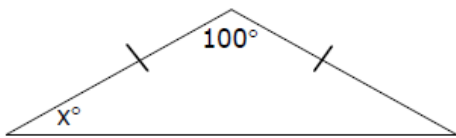
10 Order the angles small to largest



- A) $\angle F, \angle E, \angle D$
- B) $\angle E, \angle F, \angle D$
- C) $\angle E, \angle D, \angle F$
- D) $\angle F, \angle D, \angle E$

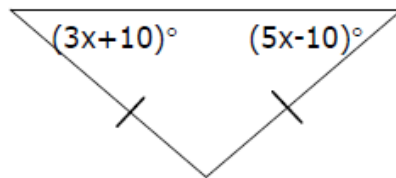
11

$x = \underline{\hspace{2cm}}$



- A. 100
- B. 80
- C. 60
- D. 40

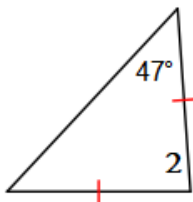
12 $x = \underline{\hspace{2cm}}$



- A. 10
- B. 8
- C. 6
- D. 4

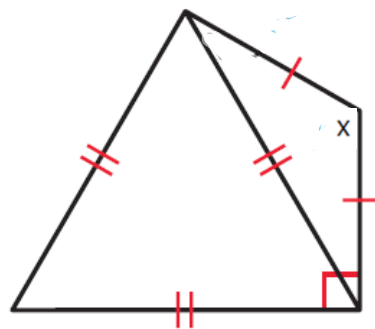
$x = \underline{\hspace{2cm}}$ $m\angle 2 = x + 92$

13



- A) 8
- B) None of these
- C) -6
- D) 7

14 $x = \underline{\hspace{2cm}}$



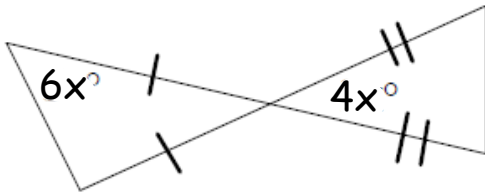
- A. 30
- B. 60
- C. 120
- D. 130

15 The vertex angle of an isosceles triangle is 24 degrees. What is the measure of one of the base angles?

- A. 24
- B. 36
- C. 78
- D. 90
- E. 156

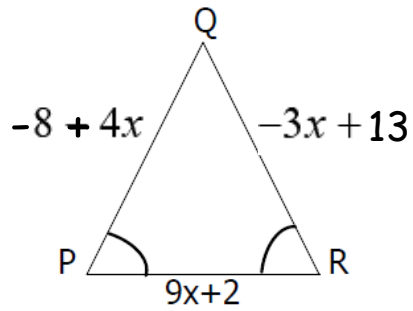
Assessment 4

16 Find x



- A. 9.64
- B. 10.8
- C. 11.25
- D. 16

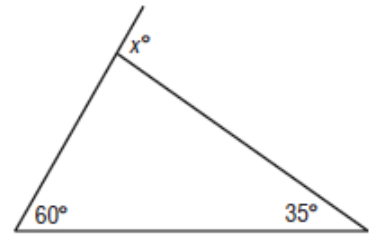
17 $PR =$ _____



- a. 3
- b. 6
- c. 29
- d. 56

18 Find the value of x .

- A 25
- B 55
- C 85
- D 95

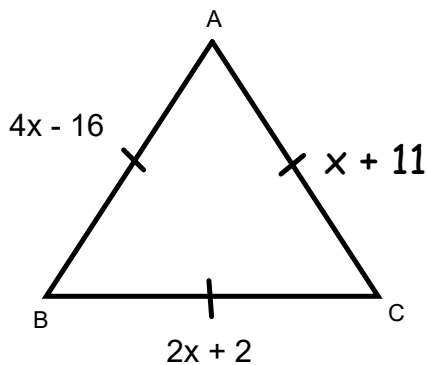


Which congruent method DOES NOT work?

- 19
- A. SSS
 - B. AAA
 - C. ASA
 - D. AAS

Find the length of side AB

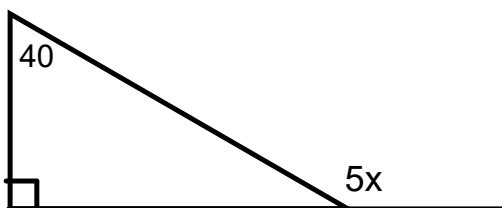
20



- A. 15
- B. 11
- C. 9
- D. 18
- E. 20

Find the value of x .

21



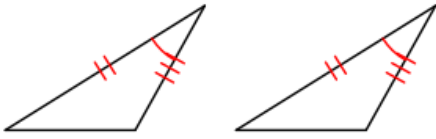
- A. 21
- B. 24
- C. 26
- D. 30
- E. 32

Assessment 4

22 One base angle of an isosceles triangle is 73° . What is the measure of the vertex angle?

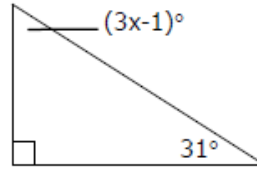
- a. 34 b. 64 c. 73 d. 107

23



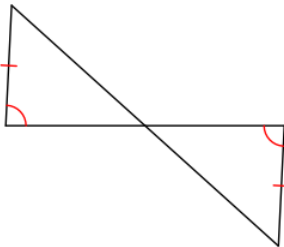
- A) AAS
B) Not enough information
C) SAS
D) ASA

24 $x =$ _____



- A. 20
B. 15
C. 12
D. 10

25



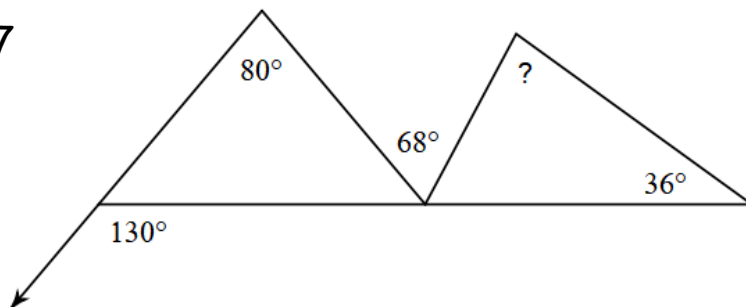
- A) AAS
B) Not enough information
C) HL
D) ASA

$\triangle TON \cong \triangle LIP$. $\angle L = 58$, $\angle O = 34$,

26 what is measure of angle P?

- a. 34 b. 58 c. 72 d. 88

27



- A) 105° B) 82°
C) 97° D) 90°

28 $\triangle FAT \cong \triangle PIG$

find x.

- a. 2 b. 5
c. 6 d. 9

