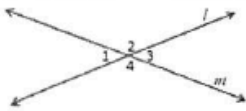


Unit 7 Review

1. Will the following *angle measures* make a triangle?

$60^\circ, 60^\circ, 60^\circ$


A. Yes
B. No

2. 

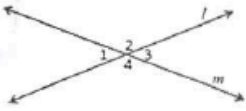
Which of the following applies to angles 2 and 3?

A. Vertical
B. Supplementary
C. Complementary
D. No relationship

3. Classify the triangle by its *angle measures*.

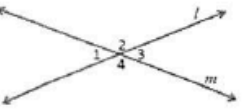


A. Scalene
B. Obtuse
C. Isosceles
D. Right

4. 

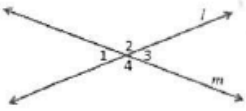
Which of the following applies to angles 1 and 4?

A. Vertical
B. Supplementary
C. Complementary
D. No relationship

5. 

Which of the following applies to angles 1 and 3?

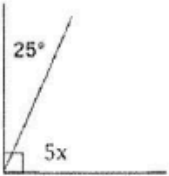
A. Vertical
B. Supplementary
C. Complementary
D. No relationship

6. 

Find the measure of angle 4 if angle 1 is 58° .

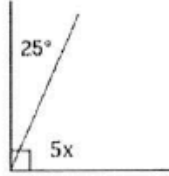
A. 58°
B. 158°
C. 122°
D. -122°

7. What types of angles are NOT shown?



A. Right
B. Complementary
C. Acute
D. Vertical

8. What is the value of x?

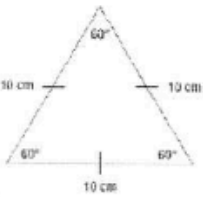


9. Will the following *side lengths* make a triangle?

$90\text{mm}, 10\text{mm}, 80\text{mm}$

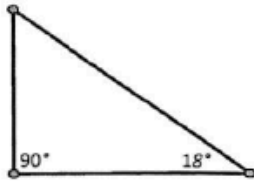
A. Yes
B. No

10. Classify the triangle by its *side lengths*.

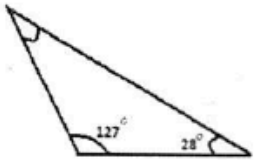


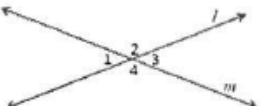
A. Equilateral
B. Obtuse
C. Isosceles
D. Right

11. What is the measure of the missing angle?



12. What is the measure of the missing angle?

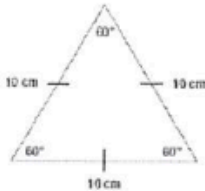


13. 

Which of the following applies to angles 2 and 4?

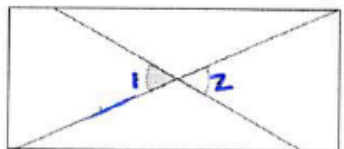
A. Vertical
B. Supplementary
C. Complementary
D. No relationship

14. Classify the triangle by its *angle measures*.



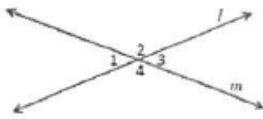
A. Acute
B. Obtuse
C. Isosceles
D. Scalene

15. What type of angles are angle 1 and angle 2?



A. Vertical
B. Supplementary
C. Complementary
D. Linear Pair

16.



If angle 4 is 158° , what is the measure of angle 2?

- A. -22°
- B. 22°
- C. 158°
- D. -158°

17.

Classify the triangle by its *side lengths*.



- A. Equilateral
- B. Obtuse
- C. Isosceles
- D. Right

18.

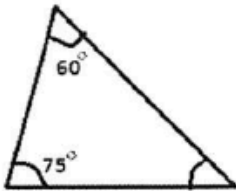
Will the following *side lengths* make a triangle?

$5m, 12m, 2m$

- A. Yes
- B. No

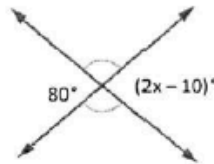
19.

What is the measure of the missing angle?



20.

What is the measure of x ?



21.

Will the following *angle measures* make a triangle?

$150^\circ, 20^\circ, 10^\circ$

- A. Yes
- B. No

22.

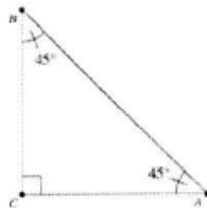
Will the following *side lengths* make a triangle?

$8cm, 20cm, 12cm$

- A. Yes
- B. No

23.

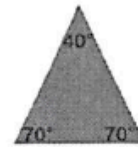
Classify the triangle by its *angle measures*.



- A. Scalene
- B. Right
- C. Isosceles
- D. Acute

24.

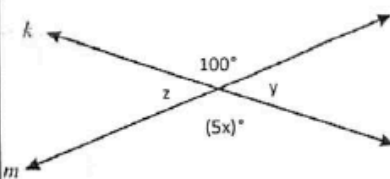
Classify the triangle by its *angle measures*.



- A. Scalene
- B. Obtuse
- C. Isosceles
- D. Acute

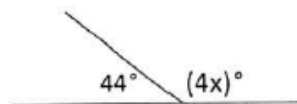
25.

What is the measure of $x, y,$ and z ?



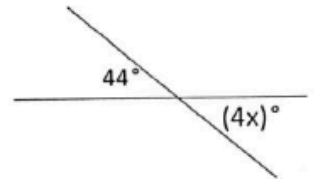
26.

What is the measure of x ?



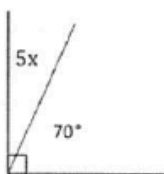
27.

What is the measure of x ?



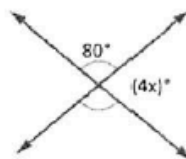
28.

Find the value of x .



29.

What is the measure of x ?



30.

What is the measure of x ?

