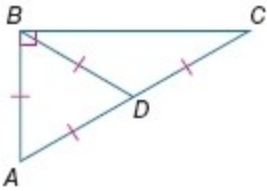


Practice Test - Chapter 4

Classify each triangle as *acute*, *equiangular*, *obtuse*, or *right*.



1. $\triangle ABD$

ANSWER:

equiangular

2. $\triangle ABC$

ANSWER:

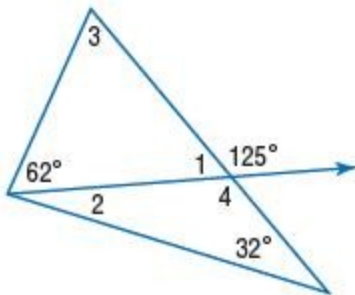
right

3. $\triangle BDC$

ANSWER:

obtuse

Find the measure of each numbered angle.



4. $\angle 1$

ANSWER:

55

5. $\angle 2$

ANSWER:

23

6. $\angle 3$

ANSWER:

63

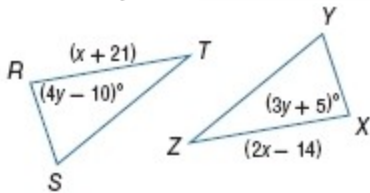
7. $\angle 4$

ANSWER:

125

Practice Test - Chapter 4

In the diagram, $\triangle RST \cong \triangle XYZ$.



8. Find x .

ANSWER:

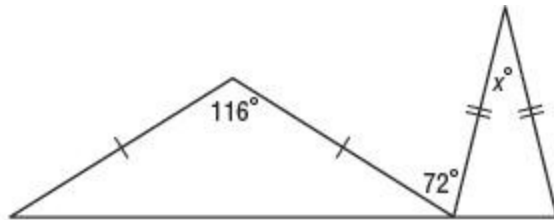
35

9. Find y .

ANSWER:

15

11. **MULTIPLE CHOICE** Find x .



- A 36
- B 32
- C 28
- D 22

ANSWER:

C

Determine which postulate or theorem can be used to prove each pair of triangles congruent. If it is not possible to prove them congruent, write *not possible*.



13.

ANSWER:

AAS

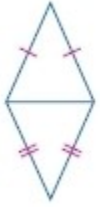


14.

ANSWER:

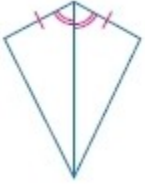
SSS

Practice Test - Chapter 4



15.

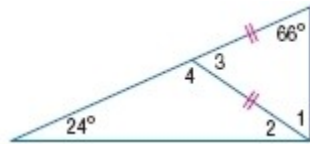
ANSWER:
not possible



16.

ANSWER:
SAS

Find the measure of each numbered angle.



18. $\angle 1$

ANSWER:
66

19. $\angle 2$

ANSWER:
24