

Name: 102Class: MathDate: 5-4-2021

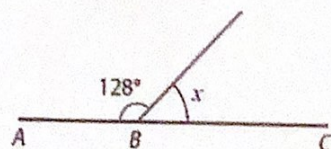
ID: A

Ch 12 Test

-5 15
20

C
1 point

1. AC is a straight line. Find the measure of $\angle x$. The diagram is not drawn to scale.

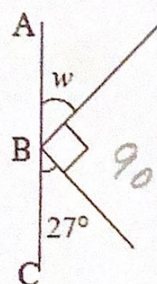


$$180 - 128 = 52$$

- A. 128°
B. 90°
C. 52°
D. 28°

B
2 pts.

2. AC is a straight line. Find the measure of $\angle w$. The diagram is not drawn to scale.



$$180 - 117 = 63$$

$$90 + 27 = 117$$

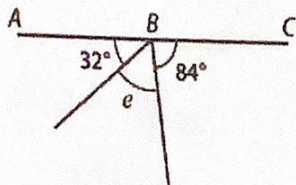
- A. 90°
B. 63°
C. 47°
D. 27°

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C
2 pts.

3. AC is a straight line. Find the measure of $\angle e$. The diagram is not drawn to scale.



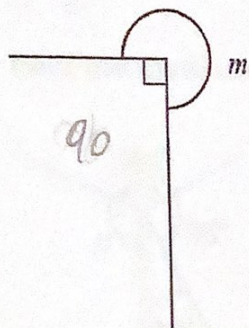
$$84 + 32 = 116$$

$$180 - 116 = 64$$

- A. 90°
B. 75°
C. 64°
D. 58°

D
1 pt.

4. Find the measure of $\angle m$. The diagram is not drawn to scale.

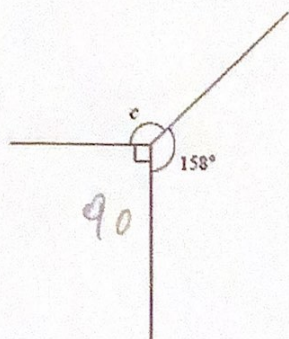


$$360 - 90 = 270$$

- A. 90°
B. 135°
C. 180°
D. 270°

C
2 pts.

5. Find the measure of
- $\angle c$
- . The diagram is not drawn to scale.



$$158 + 90 = 248$$

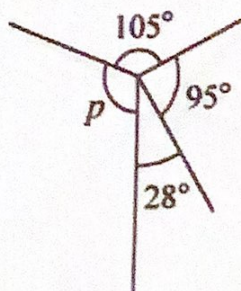
$$360 - 248 = 112$$

- A. 202°
B. 162°
☒ C. 112°
D. 92°

A

2 pts.

6. Find the measure of
- $\angle p$
- . The diagram is not drawn to scale.



$$105 + 95 = 200$$

$$360 - 228 = 132$$

- ☒ A. 132°
B. 128°
C. 98°
D. 90°

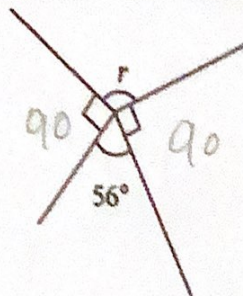
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8

7. Find the measure of $\angle r$. The diagram is not drawn to scale.

2 pts.



$$90 + 90 = 180$$

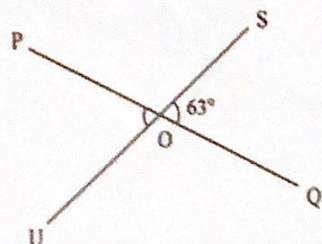
$$180 + 56 = 236$$

$$360 - 236 = 124$$

- A. 180°
- ☒ B. 124°
- C. 90°
- D. 56°

8
1 pt.

8. PQ and SU are straight lines. Find the measure of $\angle POU$. The diagram is not drawn to scale.

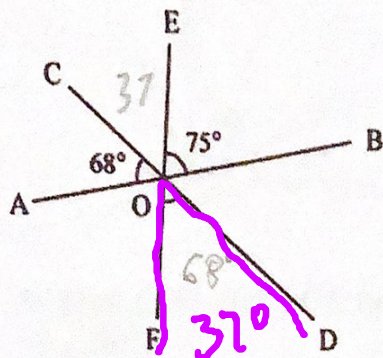


$$180 - 117 = 63$$

- A. 117°
- ☒ B. 63°
- C. 27°
- D. 13°

9. AB, CD, and EF are straight lines. Find the measure, in degrees, of $\angle FOD$. The diagram is not drawn to scale.

2 pts.



68 degrees

$$75 + 68 = 143$$

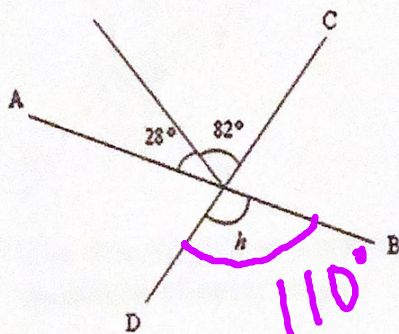
$$180 - 143 = 37$$

$$75 + 37 = 112$$

$$180 - 112 = 68$$

10. AB and CD are straight lines. Find the measure, in degrees, of $\angle h$. The diagram is not drawn to scale.

1 pt.



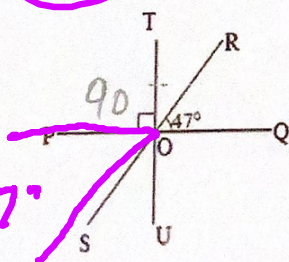
$$82 + 28 = 110$$

$$180 - 110 = 70$$

70°

11. PQ, RS, and TU are straight lines. Find the measure, in degrees, of $\angle POS$. The diagram is not drawn to scale.

1 pt.



$$90 + 47 = 137$$

$$180 - 137 = 43$$

43 degrees

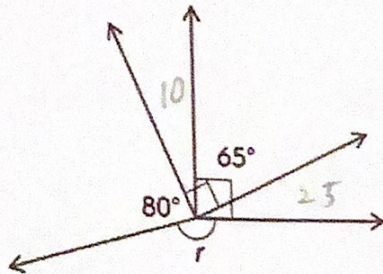
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12. What is the measure of $\angle r$

2 pts.

Extra Credit



$$180 - 170 = 10$$

$$90 + 80 = 170$$

$$90 + 10 = 100$$

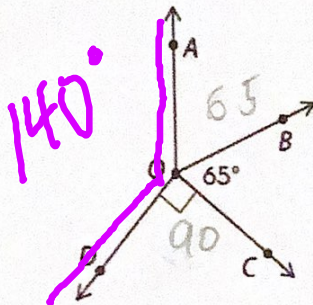
$$180 - 100 = 80$$

80°

13. Angles AOB and BOC have the same measure. What is the measure of $\angle AOD$

2 pts.

-2



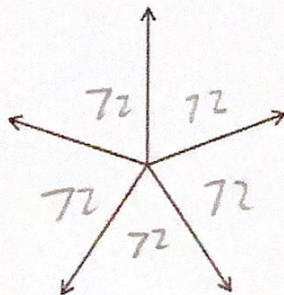
$$65 + 65 = 130$$

$$180 - 130 = 50$$

50°

14. The five angles at a point all have the same measure. What is the measure of each angle?

1 pt.



$$360 \div 5 = 72$$