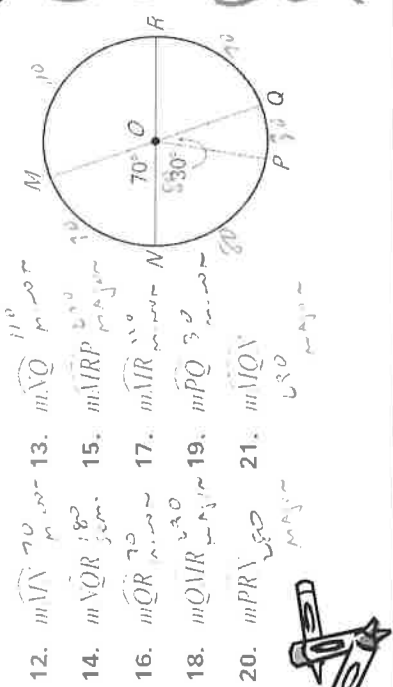


## Practice

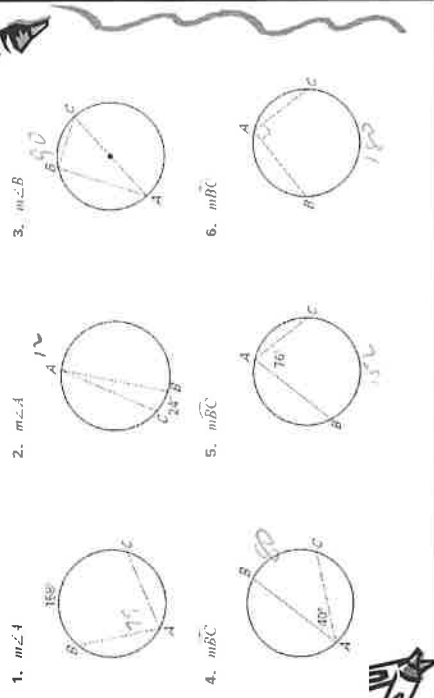
Find the measure of each indicated arc and classify it as minor, major, or semicircle.



- 12.  $m\widehat{AN}$  70
- 13.  $m\widehat{MQ}$  110
- 14.  $m\widehat{QR}$  130
- 15.  $m\widehat{MRP}$  130
- 16.  $m\widehat{QR}$  70
- 17.  $m\widehat{MR}$  110
- 18.  $m\widehat{QMR}$  130
- 19.  $m\widehat{PQ}$  80
- 20.  $m\widehat{PR}$  130
- 21.  $m\widehat{MQ}$  130

## Practice

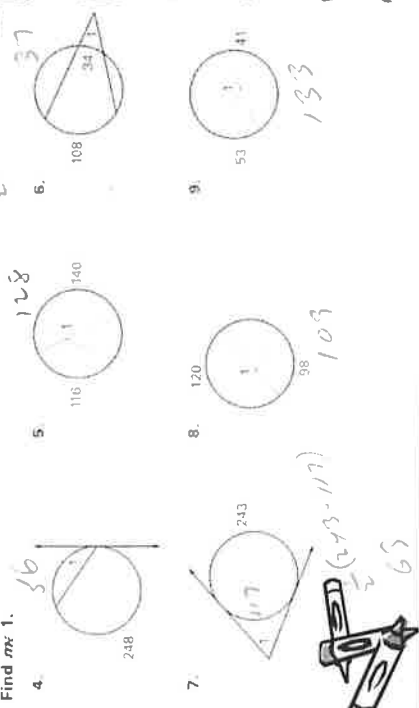
Find the indicated measure.



- 1.  $m\angle A$
- 2.  $m\angle A$
- 3.  $m\angle B$
- 4.  $m\widehat{BC}$
- 5.  $m\widehat{BC}$
- 6.  $m\widehat{BC}$

## Practice

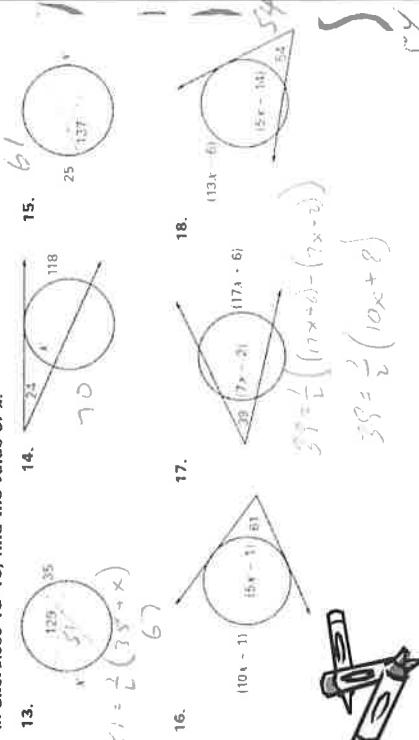
Find  $m\angle$



- 4. 56
- 5. 128
- 6. 37
- 7. 117
- 8. 109

## Practice

In Exercises 13-18, find the value of  $x$ .



- 13. 51
- 14. 70
- 15. 61
- 16. 104
- 17. 39
- 18. 38

$$61 = \frac{1}{2}((10x+1) - (5x-1))$$

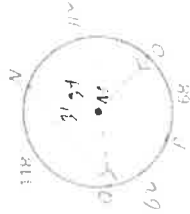
$$61 = \frac{1}{2}(5x+2)$$

24

# Practice

Find the indicated measure in  $\odot M$ .

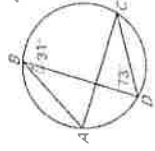
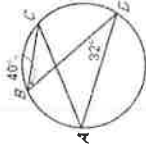
- 10.  $m\angle NVO$  34
- 11.  $m\angle QNP$  31
- 12.  $m\angle PQ$  62
- 13.  $m\angle QO$  130
- 14.  $m\angle VMO$  112
- 15.  $m\angle NOP$  180
- 16.  $m\angle QMP$  62
- 17.  $m\angle OQA$  84.8



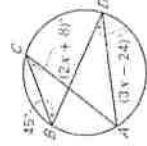
# Practice

Find  $m\angle A$  and  $m\angle C$ .

- 29.  $\angle A = 40$   
 $\angle C = 36$
- 30.  $\angle A = 73$   
 $\angle C = 31$



- 31.  $\angle A = 45$   
 $\angle C = 2(50) + 8$   
 $72$



# Practice

Find the values of the variables.

