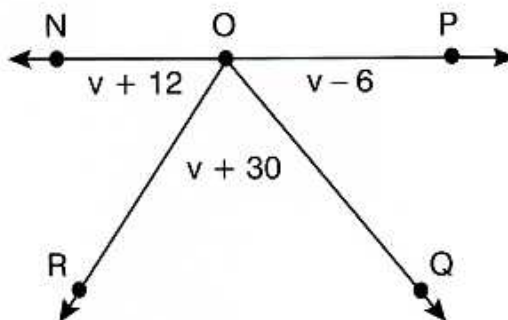
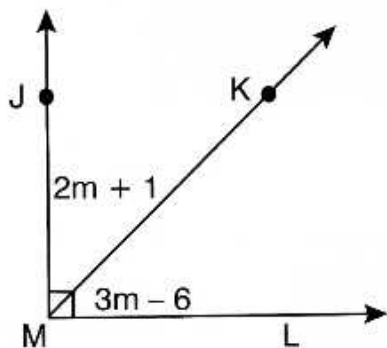
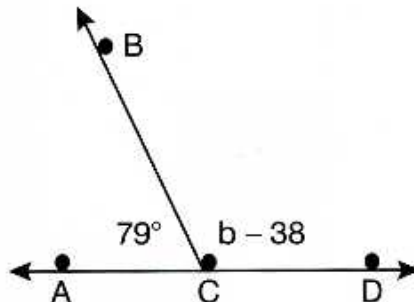
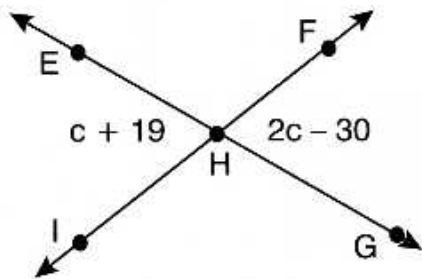


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## Angles – Complementary, Supplementary, and Vertical – Crossword

Find the missing angles and variables. To check the accuracy of your responses, place your answers in the crossword grid.



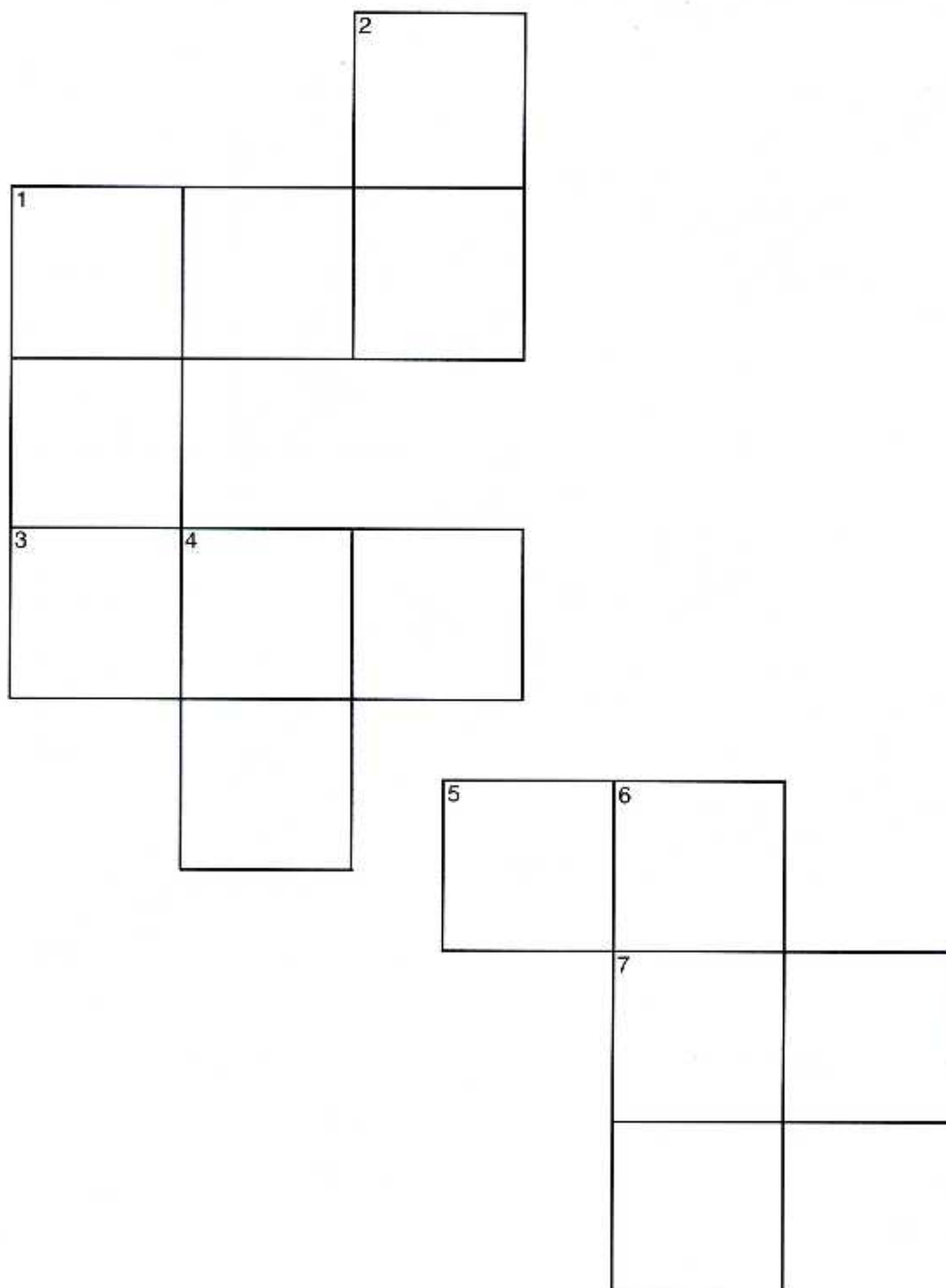
### Across

1.  $b =$  \_\_\_\_\_
3.  $m\angle EHF =$  \_\_\_\_\_
5.  $m\angle KML =$  \_\_\_\_\_
7.  $m\angle JMK =$  \_\_\_\_\_

### Down

1.  $m\angle BCD =$  \_\_\_\_\_
2.  $c =$  \_\_\_\_\_
4.  $m =$  \_\_\_\_\_
6.  $m\angle NOQ =$  \_\_\_\_\_

## Angles – Complementary, Supplementary, and Vertical – Crossword



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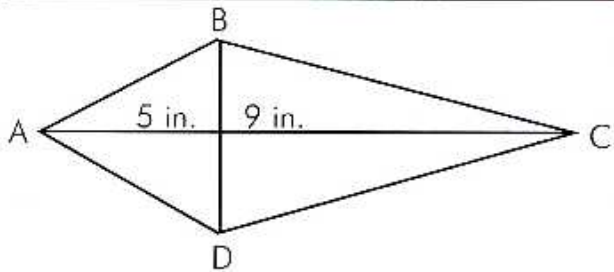
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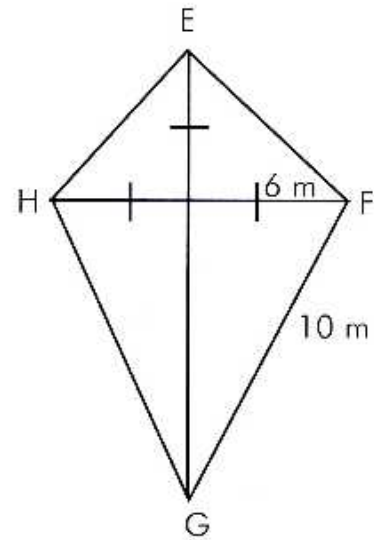
**Please note: Drawings in this book are not drawn to scale.**

## What's round and bad-tempered?

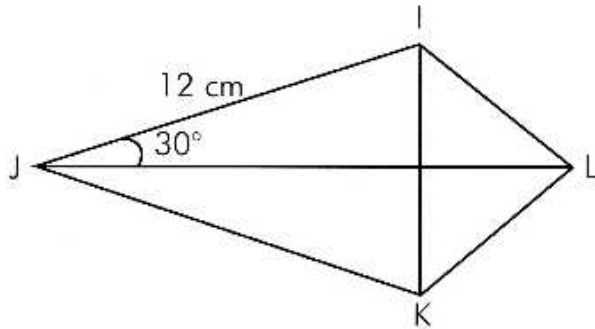
Find the area of each kite. Round your answer to the nearest tenth. Cross out the letter that matches your answer. The remaining letters will allow you to figure out the joke.



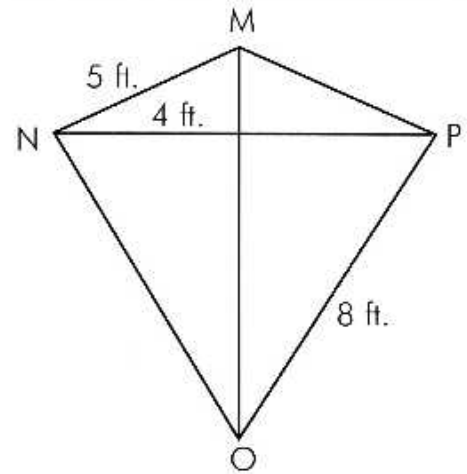
ABCD is a kite with ends A and C, and  $BD = 6$  in.



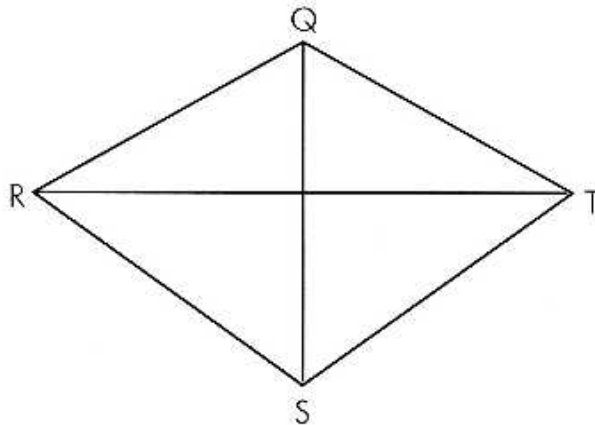
EFGH is a kite with ends E and G



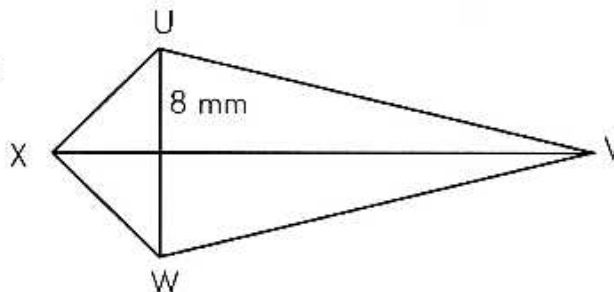
IJKL is a kite with ends J and L,  $JL = 16$  cm.



MNOP is a kite with ends M and O



QRST is a kite with ends Q and S  
 $QS = 16$  in. and  $RT = 18$  in.



UVWX is a kite with ends X and V,  $XV = 24$  mm.

A 21    D 39.6    V 12    I 88    S 144    C 32.5    I 36    N 42    O 64    M 84    U 100    S 75    C 45.7    A 192    I 76    R 55    C 120    B 96    L 250    E 62.8