

10B: Reading Comprehension

For use after Lesson 10-7

Study Skill To be successful in mathematics you need to be able to read and understand mathematical symbols. These symbols will help you determine relationships in figures and diagrams.

Match the symbol on the left with its appropriate meaning on the right by drawing a line between them.

1. $m\angle A$	A. parallelogram $WXYZ$
2. 62°	B. product of the diagonals d_1 and d_2
3. d_1d_2	C. a squared
4. \sqrt{x}	D. arc EF
5. $\square WXYZ$	E. measure of angle A
6. n -gon	F. measure of arc QR
7. \overline{EF}	G. square root of x
8. a^2	H. pi
9. π	I. many-sided polygon
10. $m\widehat{QR}$	J. 62 degrees

Write the descriptions as mathematical expressions using appropriate symbols.

11. a squared plus b squared equals c squared. _____
12. The measure of arc AC is 105 degrees. _____
13. Line MN is parallel to line RS . _____
14. The square root of 225 is 15. _____
15. triangle JKL _____
16. Arc XY is congruent to arc PQ . _____
17. parallelogram $ABCD$ _____
18. Four squared equals sixteen. _____
19. **High-Use Academic Words** In the study skill, what does *determine* mean for you to do?
 - a. sketch
 - b. figure out

All rights reserved.

© Pearson Education, Inc., publishing as Pearson Prentice Hall.