# Formal Geometry Assignments 2024 Chapter 6: QUADRILATERALS

Day	Date	Assignment (Due the next class meeting)	
Friday	3/1/24 (A)	6.2 p.438 #18 – 21, 34, 46 – 48	
Monday	3/4/24 (B)	6.2 Extra Problems	
Tuesday	3/5/24 (A)	6.3 p 448 # 9, 10, 12, 13, 14, 19, 21, 22, 24, 46, 48	
Wednesday	3/6/24 (B)	6.3 Extra Problems	
Thursday	3/7/24 (A)	6.4 p.456 #15 – 18, 22, 39, 50	
Friday	3/8/24 (B)	6.4 Extra Problems	
Monday	3/11/24 (A)	6.5 p.465 #12, 19, 22 – 30 even, 48, 51	
Tuesday	3/12/24 (B)	<b>6.5 Extra Problems</b>	
Wednesday	3/13/24 (A)	6.1 p 427 #12 – 28 even, 32 – 35, 55, 57	
Thursday	3/14/24 (B)	6.6 p.474 #16, 18, 24, 25, 42, 44	
Friday Monday	3/15/24 (A) 3/18/24 (B)	Ch 6 Review Worksheet	
Tuesday Wednesday	3/19/24 (A) 3/20/24 (B)	STUDY	
Thursday Friday	3/21/24 (A) 3/22/24 (B)	Ch 6 Test in class	

## Looking for textbook answers? Go to www.washoeschools.net/DRHSmath

## and choose Formal Geometry.

(\*Flashcards to help study the properties of Quadrilaterals can also be found on the website)

\*Each problem will be worth 1 point unless specified.

\*All assignments must be complete the day that they are due to receive full credit, this means:

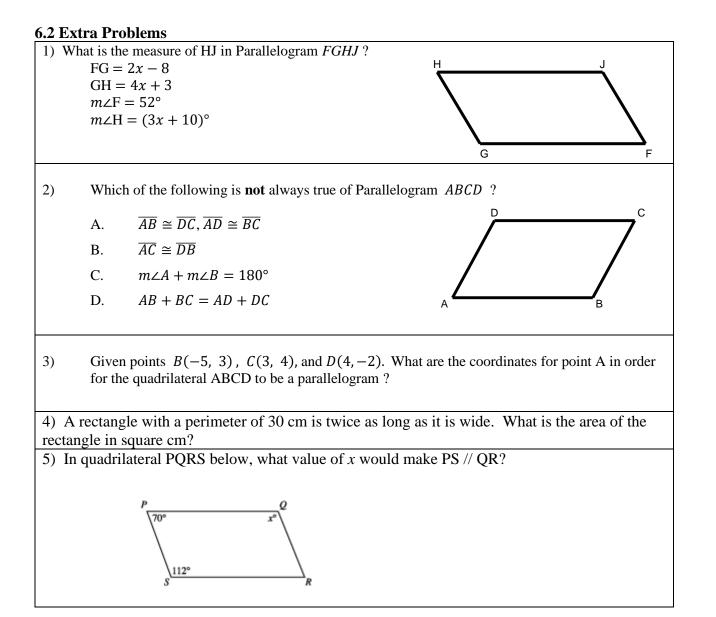
\*Every problem must be attempted with the picture drawn and work shown.

\* None of the proofs can be left blank

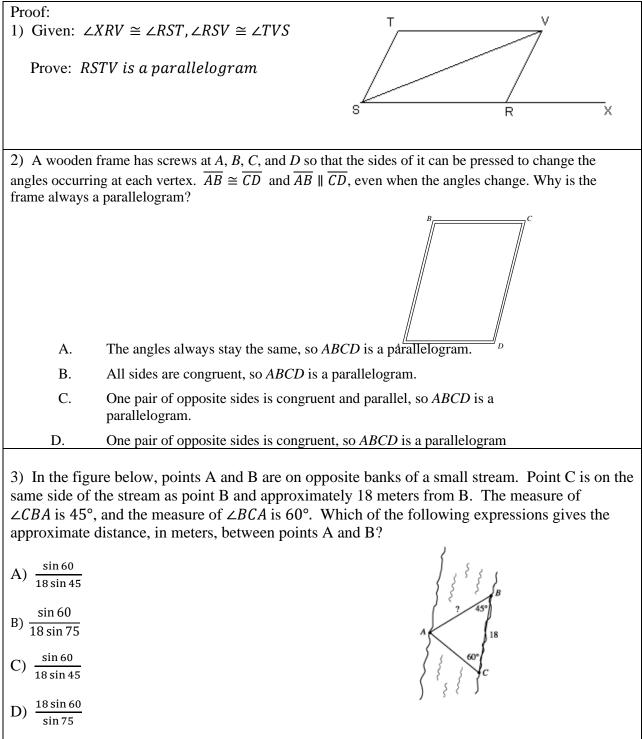
\*Corrections are expected to be done to earn back points missed for each assignment.

\*Corrections will be done on a separate sheet of paper and collected the day of the test.

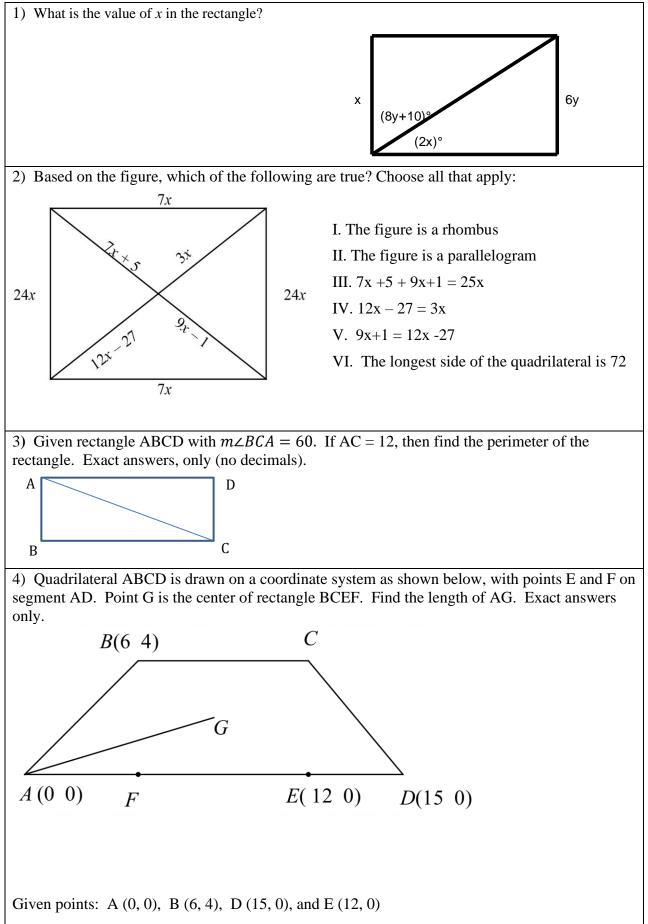
\*Need Help? Go to <u>www.khanacademy.org</u>



#### 6.3 Extra Problems



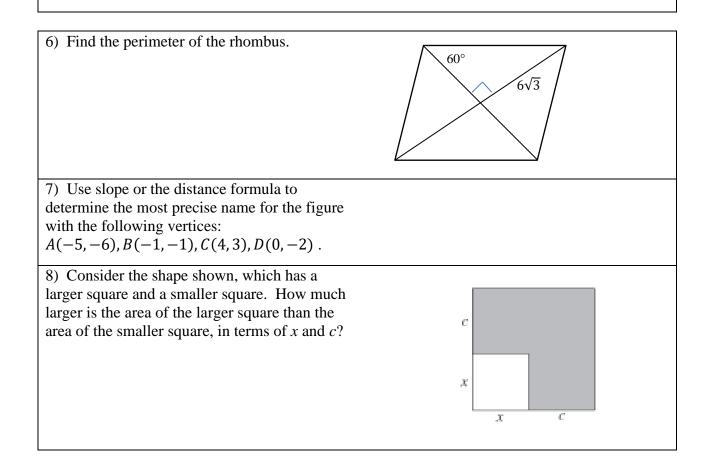
#### 6.4 Extra Problems



#### 6.5 Extra Problems

### For #1 – 5, Sometimes, Always, or Never true?

- 1. If a quadrilateral is a rectangle, then it is a square.
- 2. If the diagonals of a parallelogram are congruent, then it is a rectangle.
- 3. If the diagonals of a parallelogram bisect each other, then it is a square.
- 4. If one pair of opposite sides of a quadrilateral are both parallel and congruent, then it is a parallelogram.
- 5. If the diagonals of a quadrilateral are perpendicular, then it is a rhombus.



Selected Answers:

6.2:	1) 20	2) B	3) $(-4, -3)$ 4) 50 $cm^2$	5) 110°
6.3:	2) C	3) D		
6.4:	1) 24	2) II, IV, VI	3) $12 + 12\sqrt{3}$ 4) $\sqrt{85}$	
6.5:	1) S	2) A	3) S 4) A	5) S
	6) 48	7) Rhombus	8) $2xc + c^2$	