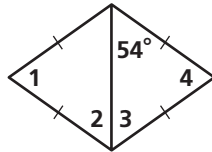


Practice 6-4

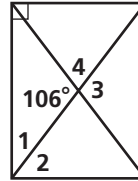
Special Parallelograms

For each parallelogram, (a) choose the best name, and then (b) find the measures of the numbered angles.

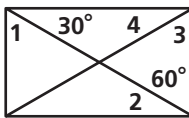
1. _____



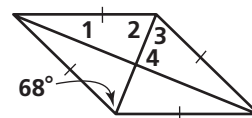
2. _____



3. _____



4. _____

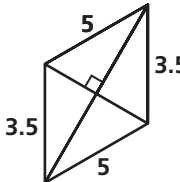


The parallelograms below are not drawn to scale. Can the parallelogram have the conditions marked? If not, write *impossible*. Explain your answer.

5. _____



6. _____



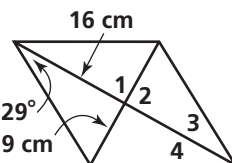
HIJK is a rectangle. Find the value of x and the length of each diagonal.

7. $HJ = x$ and $IK = 2x - 7$ _____

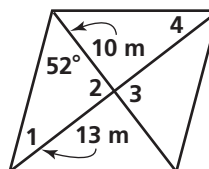
8. $HJ = 3x + 7$ and $IK = 6x - 11$ _____

For each rhombus, (a) find the measures of the numbered angles, and then (b) find the area.

9. _____



10. _____



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