

LESSON 171

1 ~ 12. Use your ruler and protractor to check the accuracy of your construction.

7. *Sample steps:*

Construct equilateral $\triangle ABC$.

Construct a line through A parallel to \overline{BC} .

Construct a line through C parallel to \overline{AB} .

Label the intersection of the two lines as D .

$ABCD$ is a parallelogram with one angle 60° .

8. *Sample steps:*

Construct equilateral $\triangle ABC$.

Construct a line through A perpendicular to \overline{BC} .

This line is an altitude of $\triangle ABC$.

13. A

14. corresponding angles

15. D; A, B, and C construct 60° , 30° , and 90° respectively.

16. D **17.** B **18.** B **19.** A **20.** B