

Practice

6.3 Prisms

r Exercises 1-7, refer to the regular right hexagonal prism at iht.

. Name the two bases.

hexagon LMDEFG and hexagon ABCKJH

. Name all segments congruent to BC.

CK, KJ, JH, HA, AB, MD, DE, EF, FG, GL, LM

How are the two bases related?

. List all the lateral faces.

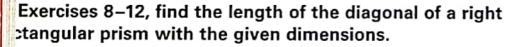
The regular hexagonal bases are congruent.



BM, AL, HG, JF, KE . Name all segments congruent to \overline{CD} .

FEKJ is a rectangle. . What type of quadrilateral is *FEKJ*?

The rectangular lateral faces are . In what manner are the lateral faces related? congruent.



$$l = 6, w = 9, h = 12$$

$$d=3\sqrt{29}$$

$$l = 4, w = 7, h = 2.3$$

$$d = \sqrt{70.3}$$

$$. 1 = a, w = a, h = 2a$$

$$d = a\sqrt{6}$$

$$l = 2a, w = 3a, h = 4a$$

$$d = a\sqrt{29}$$

nd the missing dimensions.