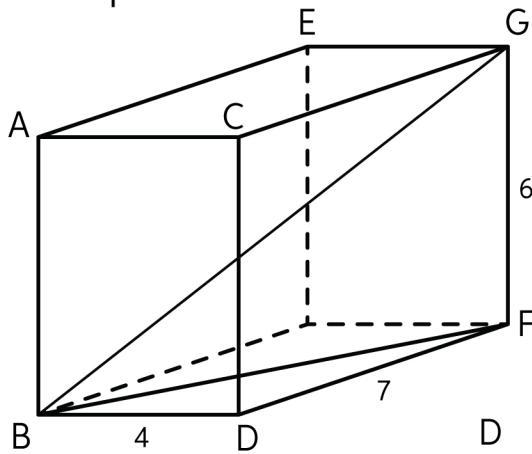


Using the Pythagorean Theorem in 3-Dimensional Shapes

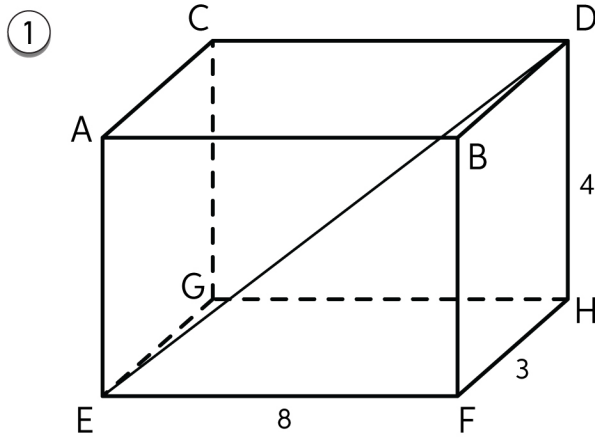
Solved example:



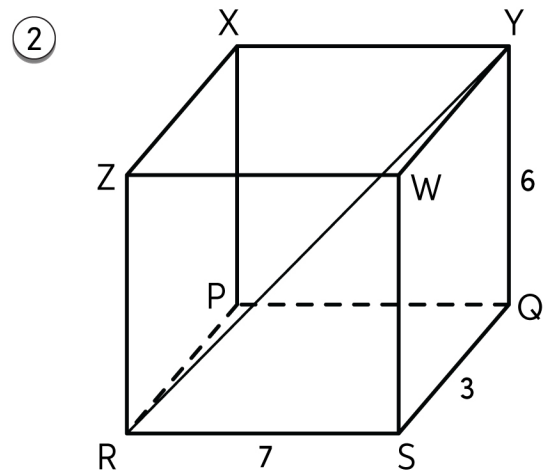
$$BG = \sqrt{(4)^2 + (7)^2 + (6)^2}$$

$$= \underline{\quad 10 \quad}$$

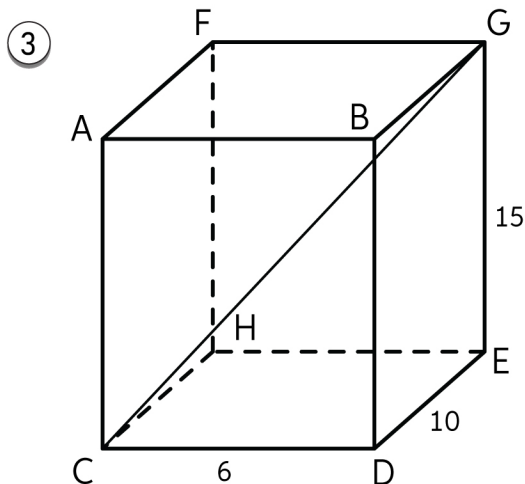
Calculate on a separate sheet of paper.



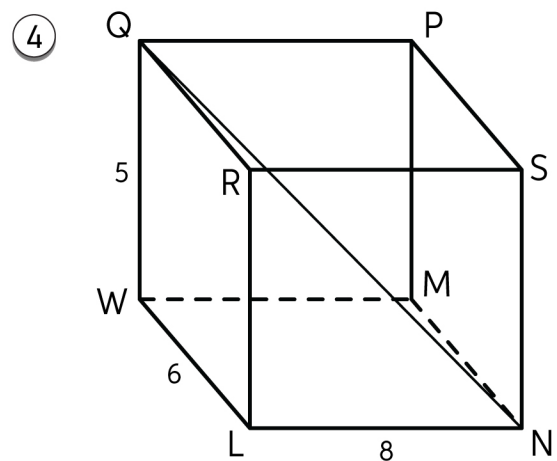
ED =



RY =



CG =

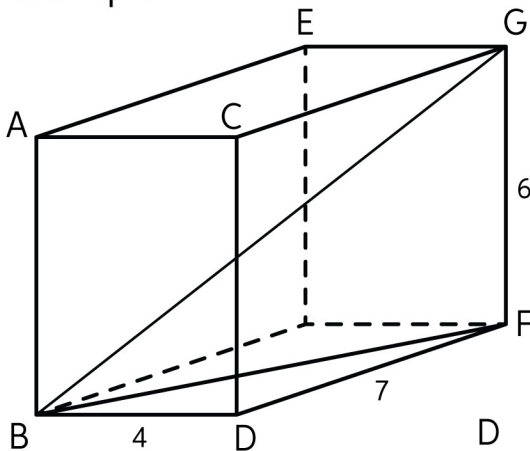


QN =

Using the Pythagorean Theorem in 3-Dimensional Shapes

Answers

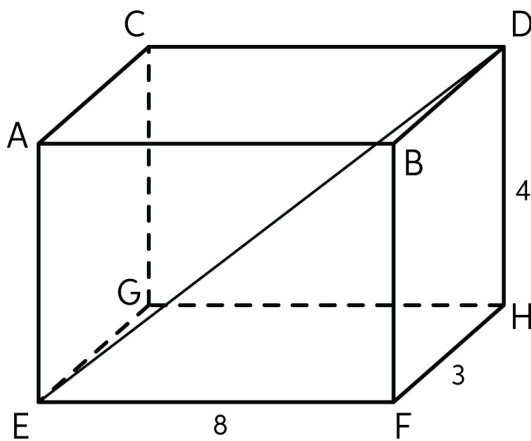
Solved example:



$$BG = \sqrt{(4)^2 + (7)^2 + (6)^2}$$

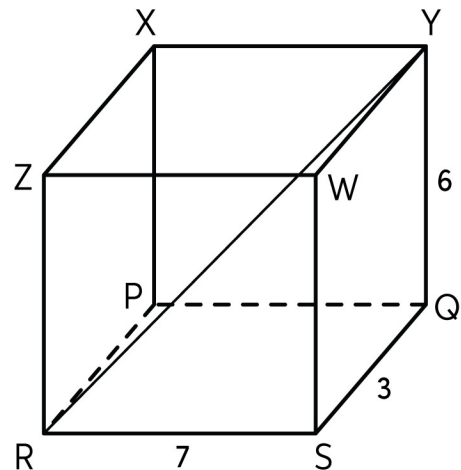
$$= \underline{\quad 10 \quad}$$

①



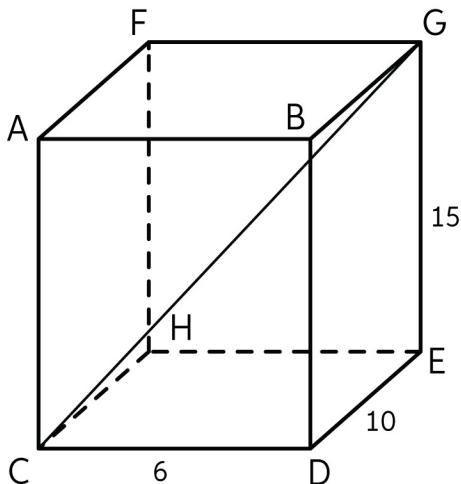
$$ED = \underline{\quad 9.43 \quad}$$

②



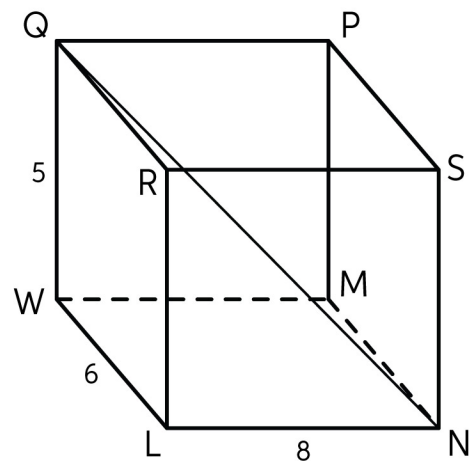
$$RY = \underline{\quad 9.70 \quad}$$

③



$$CG = \underline{\quad 19 \quad}$$

④



$$QN = \underline{\quad 11.18 \quad}$$