Name _____ Date _____

Surface Area Of Prisms Using Nets

G6

Surface area of prisms using nets involves unfolding 3D shapes into 2D patterns. This helps students calculate the total area of all faces, building spatial understanding and problem-solving skills for real-world applications.

Q1 Find the surface area of a rectangular prism with dimensions 4 cm × 3 cm × 2 cm.

A. 24 cm²

B. 52 cm²

C. 48 cm²

D. 56 cm²

Q2 Calculate the surface area of a cube with a side length of 5 cm.

A. 150 cm²

B. 125 cm²

C. 175 cm²

D. 200 cm²

Q3 Find the surface area of a triangular prism with a base triangle of 3 cm × 4 cm × 5 cm and a height of 6 cm.

A. 84 cm²

B. 72 cm²

C. 96 cm²

D. 108 cm²

Q4 A rectangular prism has dimensions 7 cm × 5 cm × 3 cm. What is its surface area?

A. 94 cm²

B. 136 cm²

C. 142 cm²

D. 150 cm²

Name _____ Date _____

Surface Area Of Prisms Using Nets - Answer Key

Q1	B
Q2	A
Q3	A
Q4	C