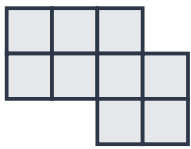


Solid Figures and Volume

Pre-Check: show what you know.

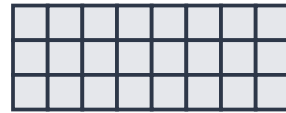
Score _____ / 6

1. Each square is 1 square unit. What is the area of the shape?



_____ square units

2. How many rows? How many squares in a row? How many squares in all?



_____ rows of _____ = _____

3. Multiply.

$$2 \times 7 \times 5 = \underline{\hspace{2cm}}$$

$$3 \times 2 \times 9 = \underline{\hspace{2cm}}$$

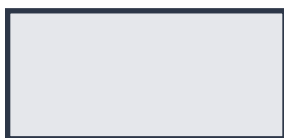
$$4 \times 5 \times 10 = \underline{\hspace{2cm}}$$

4. Multiply.

$$46 \times 7 = \underline{\hspace{2cm}}$$

$$28 \times 15 = \underline{\hspace{2cm}}$$

5. What is the perimeter of the rectangle?

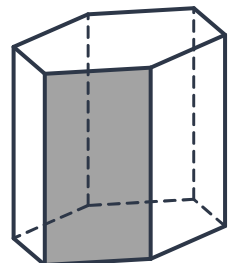
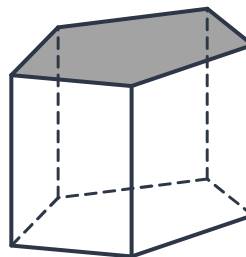


6 cm

11 cm

Perimeter = _____ centimeters

6. Write the name of the shape of each gray face.

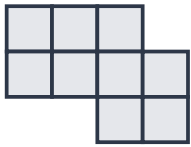


Solid Figures and Volume

Pre-Check: show what you know.

Score _____ / 6

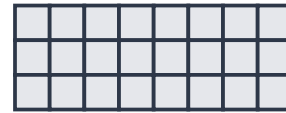
1. Each square is 1 square unit. What is the area of the shape?



9 square units

Lesson 11.3 · Unit cubes and cubic units

2. How many rows? How many squares in a row? How many squares in all?



3 rows of 8 = 24

Lesson 11.5 · Bottom layer times layers

3. Multiply.

$$2 \times 7 \times 5 = \underline{70}$$

$$3 \times 2 \times 9 = \underline{54}$$

$$4 \times 5 \times 10 = \underline{200}$$

Lesson 11.6 · The volume formulas

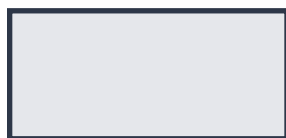
4. Multiply.

$$46 \times 7 = \underline{322}$$

$$28 \times 15 = \underline{420}$$

Lesson 11.9 · Volume stories

5. What is the perimeter of the rectangle?



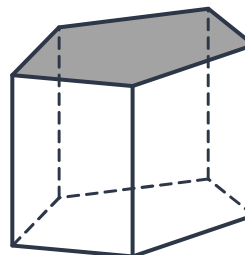
6 cm

11 cm

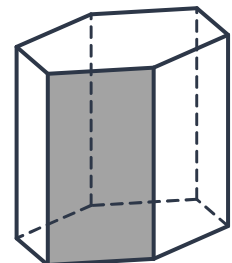
Perimeter = 34 centimeters

Lesson 11.10 · Perimeter, area or volume

6. Write the name of the shape of each gray face.



pentagon



rectangle

Lesson 11.1 · Solid figures