You can use what you know about finding the area of polygon to find the surface area of a solid figure.

To find the surface area of the prism above, first find the area of each face.

2 congruent triangular bases

\[ A = \frac{1}{2}bh \]
\[ = \frac{1}{2}(4 \cdot 3) \]
\[ = 6 \text{ square units} \]

3 rectangular faces

\[ A = \ell w \]
\[ = 4 \cdot 6 \]
\[ = 24 \text{ square units} \]

Then, find the sum of all of the faces of the prism.

\[ SA = 6 + 6 + 24 + 24 + 24 \]
\[ = 84 \text{ square units} \]

Find the surface area of each figure.

1. \[ s = 2 \]
2. \[ h = 4 \]

\[ b = 5 \]