## Triangles Measurements (A)

Calculate the area of each triangle using Heron's formula.
1.

2.


$$
\begin{aligned}
& \mathrm{P}=? \mathrm{~nm} \\
& \mathrm{~A}=? \mathrm{~nm}^{2}
\end{aligned}
$$

3. 


$\mathrm{P}=? \mathrm{~km}$
$\mathrm{A}=? \mathrm{~km}^{2}$
4.


$$
\begin{aligned}
& \mathrm{P}=? \text { in } \\
& \mathrm{A}=? \mathrm{in}^{2}
\end{aligned}
$$


$\mathrm{P}=$ ? in
$\mathrm{A}=$ ? $\mathrm{in}^{2}$
6.


$$
\mathrm{P}=? \mathrm{~m}
$$

$$
\mathrm{A}=? \mathrm{~m}^{2}
$$

## Triangles Measurements (A) Answers

Calculate the area of each triangle using Heron's formula.
1.

$\mathrm{P}=46.6 \mathrm{yd}$
$\mathrm{A}=38.671 \mathrm{yd}^{2}$
3.

$\mathrm{P}=42 \mathrm{~km}$
$\mathrm{A}=71.295 \mathrm{~km}^{2}$
5.

$\mathrm{P}=13.8$ in
$\mathrm{A}=8.19 \mathrm{in}^{2}$
2.


$$
\begin{aligned}
& \mathrm{P}=38.3 \mathrm{~nm} \\
& \mathrm{~A}=55.932 \mathrm{~nm}^{2}
\end{aligned}
$$

4. 



$$
\begin{aligned}
& \mathrm{P}=38.1 \mathrm{in} \\
& \mathrm{~A}=69.68 \mathrm{in}^{2}
\end{aligned}
$$

6. 


$\mathrm{P}=60 \mathrm{~m}$
$\mathrm{A}=102.101 \mathrm{~m}^{2}$

