## Area and Perimeter of Trapezoids (J)

Calculate the perimeter and area for each trapezoid.
1.

$\mathrm{P}=$ ?
$\mathrm{A}=$ ?
3.


$$
\mathrm{P}=?
$$

$$
\mathrm{A}=?
$$

2. 


74.4 in

$$
\mathrm{P}=?
$$

$$
\mathrm{A}=?
$$

4. 



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

6. 


17.6 AU

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

## Area and Perimeter of Trapezoids (J) Answers

Calculate the perimeter and area for each trapezoid.
1.

$\mathrm{P}=314.1 \mathrm{~km}$
$\mathrm{A}=5793.12 \mathrm{~km}^{2}$
3.

$\mathrm{P}=738.2 \mathrm{yd}$
$\mathrm{A}=30,597 \mathrm{yd}^{2}$
5.

$\mathrm{P}=784.3 \mathrm{ft}$
$\mathrm{A}=27,473.55 \mathrm{ft}^{2}$
4.


$$
\begin{aligned}
& \mathrm{P}=398.8 \mathrm{~nm} \\
& \mathrm{~A}=8648 \mathrm{~nm}^{2}
\end{aligned}
$$

2. 


74.4 in

$$
\begin{aligned}
& \mathrm{P}=454.1 \mathrm{in} \\
& \mathrm{~A}=11,375.105 \mathrm{in}^{2}
\end{aligned}
$$

6. 


17.6 AU

$$
\begin{aligned}
& \mathrm{P}=304.7 \mathrm{AU} \\
& \mathrm{~A}=3052.725 \mathrm{AU}^{2}
\end{aligned}
$$

