Teach the Skill

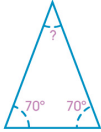## Teach the Skill
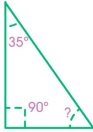
Geometry
Angles & Triangles

The sum of the angles in a **triangle** equals 180°. [1] [2]
To find the missing angle in a triangle, you could measure it using a protractor, or you could subtract the other angles from 180°. Match the missing angles on the right to the triangles on the left.

$180° - 60° - 60° = 60°$

60° 60°

105°

110°

35°

70° 70°   90° ?   30° 40°

$180° - 70° - 70°$ $180° - 90° - 35°$ $180° - 30° - 40°$
$= \underline{40°}$ $= \underline{55°}$ $= \underline{}$

Reset

Learn The Skill

Learn the Skill

Geometry
Circles

[1] [2] 3 4 5 6 7 8

WELL DONE!

✓ What is the radius of the Ferris wheel?
5 0 feet

(touch the image to enlarge)

✓ What is the circumference of the Ferris wheel? (Round to the nearest whole number)
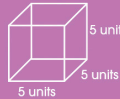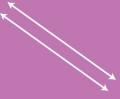**3 1 4** feet

radius = diameter ÷ 2   circumference = π x diameter
radius = 100 feet ÷ 2   circumference = (3.14) x 100 feet
radius = 50 feet   circumference = 314 feet

Imperial
Metric

1 2 3 4 5 6 7 8 9 0

Reset

Extension Activity: Memory Match

Geometry Memory Match Game

parallel lines	ray	?	?	?
surface area = 150 square units	?	3 units	5 units / 5 units / 5 units	↗
?	?	?	?	?
?	?	diameter = 6 units	→	?

Mix   Reset   ?

Extension Activity: Spinner

Geometry Spinner Game

00:29 3/15

What types of lines are pictured below?

a) intersecting

b) skew

c) parallel

Mix   Reset   ?