

## Circle – Review

### Part 1: Non-Calculator

Write your answers in terms of Pi

Find the circumference of the following circles

$r = 5cm$	$r = 12cm$	$r = 6.2cm$	$r = 1.35mm$
$d = 8cm$	$d = 14.2m$	$d = 18cm$	$r = 0.23cm$

Find the area of the following circles

$r = 4cm$	$r = 12cm$	$r = 3cm$	$r = 5.2cm$
$d = 12cm$	$d = 100cm$	$d = 15cm$	$r = 1.23cm$

### Part 2: Calculator Allowed

Find the radius for the following circles

$Area = 32cm^2$	$Area = 50cm^2$	$Area = 1800cm^2$
$Circumference = 18cm$	$Circumference = 20cm$	$Circumference = 100m$

### Part 3: Non-Calculator

Find the area of the following sectors

$r = 7cm$ $\theta = 60^\circ$	$r = 10cm$ $\theta = 90^\circ$	$r = 5cm$ $\theta = 45^\circ$
$r = 2cm$ $\theta = 120^\circ$	$r = 8cm$ $\theta = 150^\circ$	$r = 3cm$ $\theta = 200^\circ$