# Toilet Isometric Drawing: Bowl, Tank, Seat and Base

Original task 1 / independent drawing and calculation

## Task 1

Construct a toilet with tank height 3 units, tank depth 2 units, tank width 2 units, bowl opening 3 units long and 2 units wide, seat offset 0.2 units, and base height 1 unit. Use 1 unit = 10 mm. Describe each construction step and state two checks.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

# Toilet Isometric Drawing: Bowl, Tank, Seat and Base

Original task 2 / independent drawing and calculation

## Task 2

A student draws the bowl as a true circle inside a square. Explain the error and describe how to correct it using an isometric parallelogram. Include one measurement check.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

# Toilet Isometric Drawing: Bowl, Tank, Seat and Base

Original task 3 / independent drawing and calculation

## Task 3

Given tank height 5 units, tank depth 2 units, tank width 3 units, bowl opening 4 units long and 3 units wide, seat offset 0.3 units, and base height 1 unit, list the millimetre marks on each axis at 1 unit = 10 mm and describe where the seat ellipse is placed.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

# Toilet Isometric Drawing: Bowl, Tank, Seat and Base

Original task 4 / independent drawing and calculation

## Task 4

Describe how to check a finished toilet isometric drawing for three common errors: non-vertical height edges, bowl drawn as a circle, and misaligned centre line. Give one simple measurement for each check.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

## Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.