Neptune Drawing Easy: Globe Bands and Moon Placement

Original task 1 / independent drawing and calculation

Task 1

Draw a Neptune globe with R = 5 cm. Place band boundaries at 0.3R and 0.6R above and below the equator. Place the moon at 90 degrees clockwise from the top and 1.4R from the center, with moon radius 0.2R. State all measured values.

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.

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Original task 2 / independent drawing and calculation

Task 2

Draw a Neptune globe with R = 3 cm. Use four bands with boundaries at 0.25R and 0.75R above and below the equator. Place the moon at 180 degrees clockwise from the top and 1.8R from the center, with moon radius 0.15R. Describe the moon's position relative to the globe.

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.

Neptune Drawing Easy: Globe Bands and Moon Placement

Original task 3 / independent drawing and calculation

Task 3

Draw a Neptune globe with R = 4 cm. Place band boundaries at 0.4R and 0.7R above and below the equator. Place the moon at 270 degrees clockwise from the top and 1.2R from the center, with moon radius 0.25R. Is the moon outside the globe? Explain using the numbers.

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.

Neptune Drawing Easy: Globe Bands and Moon Placement

Original task 4 / independent drawing and calculation

Task 4

Draw a Neptune globe with R = 6 cm. Use three bands with boundaries at 0.5R above and below the equator only. Place the moon at 135 degrees clockwise from the top and 1.5R from the center, with moon radius 0.2R. State the moon's approximate direction and check the placement with simple arithmetic.

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.