

Scale of the Planets

Scale: 300 cm = 3,666,200,000 miles or

1 cm = 12,220,666 miles. Rounded off to the nearest thousand miles is 12,221,000 miles.

Round the centimeter answers off to the nearest centimeter and the percentage to the nearest thousandth.

	Percentage Distance
Pluto: 3,666,200,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____

Neptune: 2,798,800,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Uranus: 1,786,400,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Saturn: 888,200,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Jupiter: 483,600,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Mars: 141,000,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Earth: 92,969,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Venus: 67,230,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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Mercury: 35,980,000 miles divided by 12,221,000 miles per centimeter = _____ centimeters to scale.	_____
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