

Deep Space Math

Activity 2 - Toile Paper Solar System

Earth is approximately 150 million kilometres away from the Sun. Pluto is 4.4 billion kilome-

To complete this activity you will need:
coloured markers.

Astronomers measure distances by astronomical units (AU). One AU is equal to 150 million km. For this activity 1 AU will equal 90 centimetres.



Can you believe THIS is math?

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Activity 2 - Toile Paper in the Solar System

Planet	Average Distance from the Sun (km)	Average Distance from the Sun (AU)	Distance from the Sun in Toile Paper (cm)	Distance from Neptune (cm)
Sun	-	-	-	35
Mercury	58,000,000	0.39	35	30
Venus	108,000,000	0.72	65	25
Earth	150,000,000			
Mars	228,000,000			
Jupiter	778,000,000			
Saturn	1,426,000,000			
Uranus	2,877,000,000			
Neptune	4,508,000,000			

Activity Questions:

1.

2.

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