

MAT.08.CR.1.000EE.B.494 C1 TB

Sample Item ID:	MAT.08.CR.1.000EE.B.494
Grade:	08
Claim(s):	Claim 1: Concepts and Procedures Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.
Assessment Target(s):	1 B: Work with radicals and integer exponents.
Content Domain:	Expressions and Equations
Standard(s):	8.EE.3
Mathematical Practice(s):	1, 5
DOK:	1
Item Type:	CR
Score Points:	1
Difficulty:	L
Key:	Any number between 7 and 7.143 inclusive.
Stimulus/Source:	http://heasarc.nasa.gov/docs/cosmic/planets.html
Target-specific attributes (e.g., accessibility issues):	Calculators should be turned on.
Notes:	The response space allows for a maximum of 6 digits. A decimal point or comma can be used in place of one of the digits.

The average distance from Jupiter to the Sun is about 5×10^8 miles. The average distance from Venus to the Sun is about 7×10^7 miles.

The average distance from Jupiter to the Sun is about how many times as great as the average distance from Venus to the Sun?

times