

# Star Name: **Kepler-42**

Distance from Sun: 125 light years

Spectral Type, Color: M5, Red

Diameter Relative to Sun: 0.17

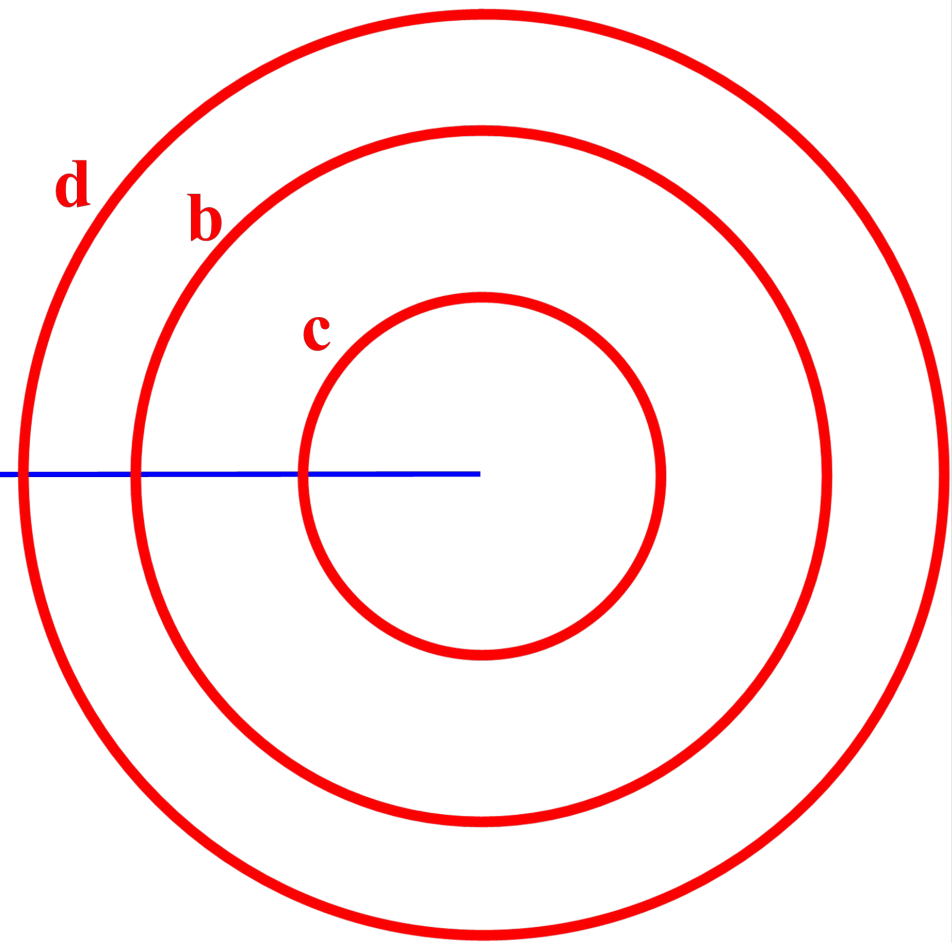
Mass Relative to Sun: 0.13

Luminosity vs. Sun: 0.0024

Planet Discovery Method: Transit

Number of Known Planets: 3

← **Mercury**  
**155 cm**



	<b>Dist. (AU)</b>	<b>Orbital Period</b>	<b>Radius*</b>	<b>Mass**</b>
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c	0.006	0.45 days	0.73 R <sub>E</sub>	<2.1 M <sub>E</sub>
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b	0.012	1.21 days	0.78 R <sub>E</sub>	<2.7 M <sub>E</sub>
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d	0.015	1.86 days	0.57 R <sub>E</sub>	<0.9 M <sub>E</sub>
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\*R<sub>E</sub>: Radius relative to Earth

\*\*M<sub>E</sub>: Mass relative to Earth

