

ASTR 380 Homework 8

Due November 15

Homework Policy: Homework is due at the beginning of class on the date listed above. Homework is late once the homework box is removed from the back of the room, roughly 10 minutes into the class. Late homework is accepted for 1 week after the due date – the beginning of the class on the next Thursday. After that the homework will be accepted but given a score of zero.

1. Review question #5 on page 395 of Chapter 11.
2. Review question #7 on page 395 of Chapter 11.
3. Why is the direct detection of extrasolar planets (simply taking a picture) so difficult?
4. Review question #11 on page 395 of Chapter 11.
5. Why have so few Earth-mass planets been detected to date?