1. $f = 1$ [cm]
2. $f = -1$ [cm]
3. $d' = -10$ [cm] to the left, $s' = 5$ [cm] same orientation
4. $d' = -10$ [cm] to the left, $s' = 5$ [cm] same orientation
5. $f = 2$ [cm], so $d' = 6$ [cm] to the right, $s' = -2$ [cm] flipped upside down
6. $f = 1/4$ [cm]
7. $d' = 0.2564$ [cm] to the right, $s' = -0.1282$ [cm] flipped upside down
8. $f = 2.0714$ [cm]
9. $f = -0.4643$ [cm]
10. $a = f/F = 4.25/1.8 = 2.36$ [mm]