

Special and General Relativity (PHZ 4601/5606) Fall 2017 Solutions**Set 6****15. Contractions.**

(1), (2) and (3): $25 - 1 - 4 - 9 = 11$; (4), (5) and (6): $25 - 9 - 16 = 0$;

(7): $25 - 4 - 9 - 16 = -4$.