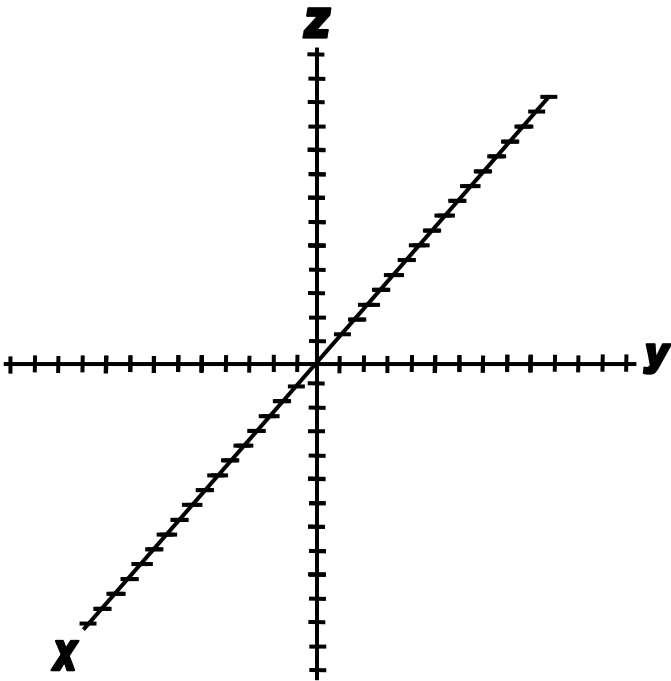
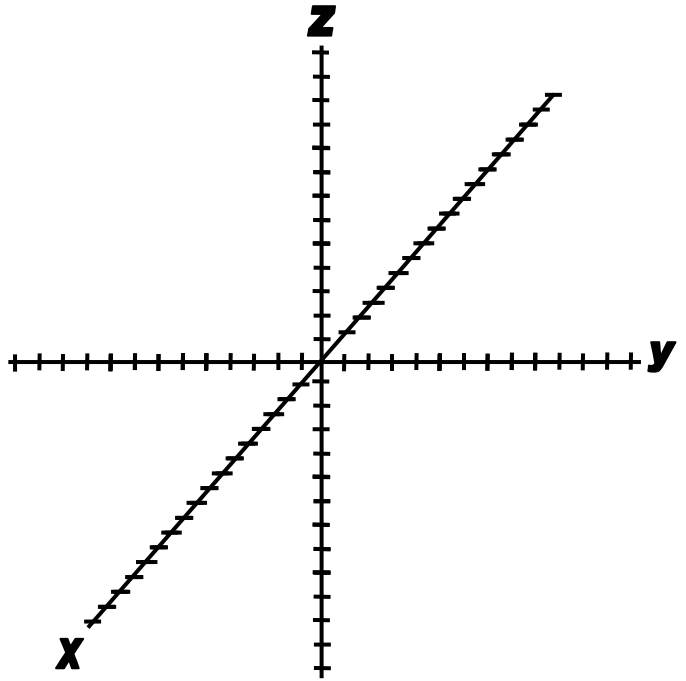


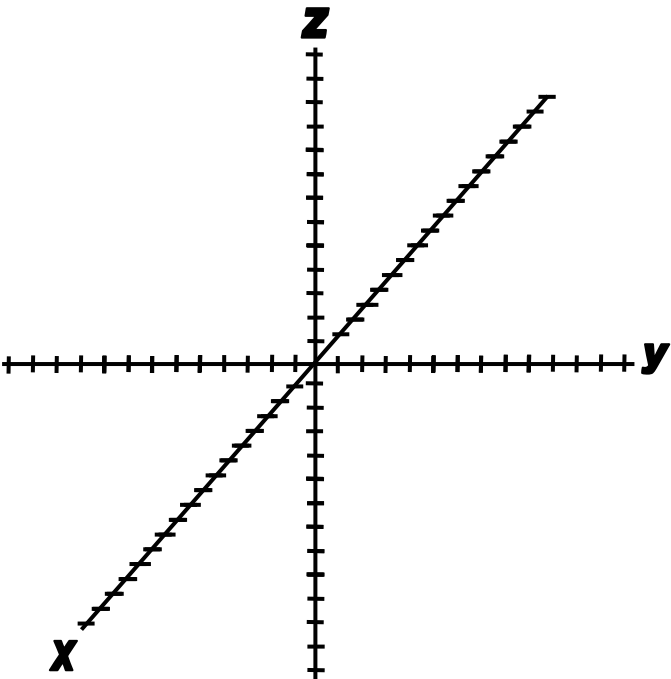
1. $(1, -2, -4)$



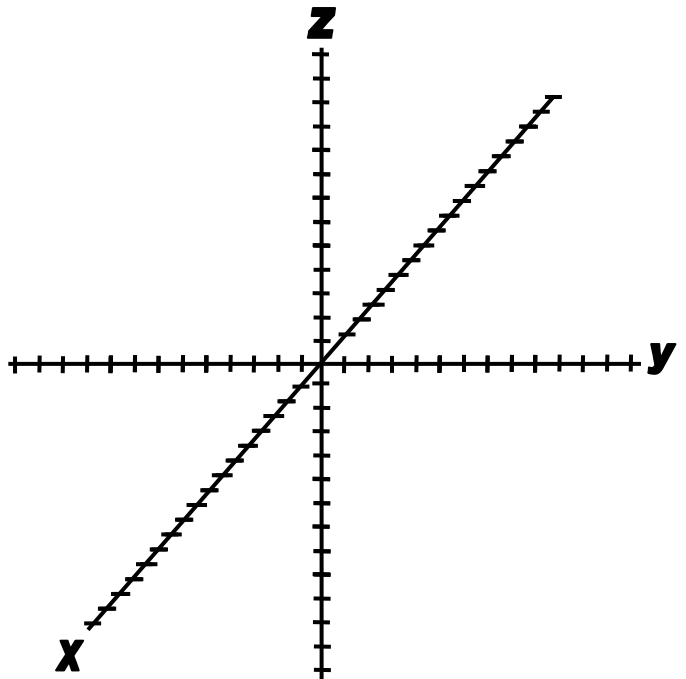
2. $(3, 2, 1)$



3. $(-5, -4, -2)$



4. $(-2, -5, 3)$



Find the given length and midpoint of the segment with the given endpoints:

5. $(-4, 10, 4); (1, 0, 9)$

6. $(-6, 6, 3); (-9, -2, -2)$

7. $(6, 1, 10); (-9, -10, -4)$