

Quiz 1.4 Special #1

1. Draw a diagram.
2. Solve using "two-column logic".

1. **Multi-Step** E is the midpoint of \overline{DF} , $DE = 2x + 4$, and $EF = 3x - 1$. Find DE , EF , and DF .
2. Q bisects \overline{PR} , $PQ = 3y$, and $PR = 42$. Find y and QR .