Right Triangle – Geometric Mean Corollary
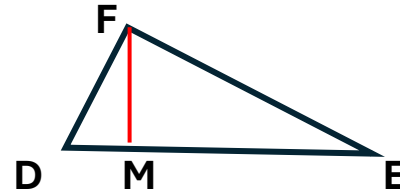
Refer to ΔDFE, m∠DFE = 90 and $\overline{FM} \perp \overline{DE}$

Find the length of the missing segment.

1. DE = 5, DM = 2, DF =

2. DE = 16, ME = 9, FE =

3. DM = 4, DF = 6, DE =

4. ME = 5, EF = 10, DE =

5. DM = 4, ME = 5, FE =

6. DM = 3, ME = 8, DF =

7. FE = 6, DM = x, ME = 2x, x =