Warm-up with Models

Draw and label a model that matches the description.

1. H is the midpoint of QJ
2. R is between M and W
3. AB bisects JK at H
4. AB intersects CD at C
   with $\overline{CB} \cong \overline{CD}$
(4) Attempt the following proof

Given: D is between E and G

DE = 8
DG = 12

Prove: EG = 20