

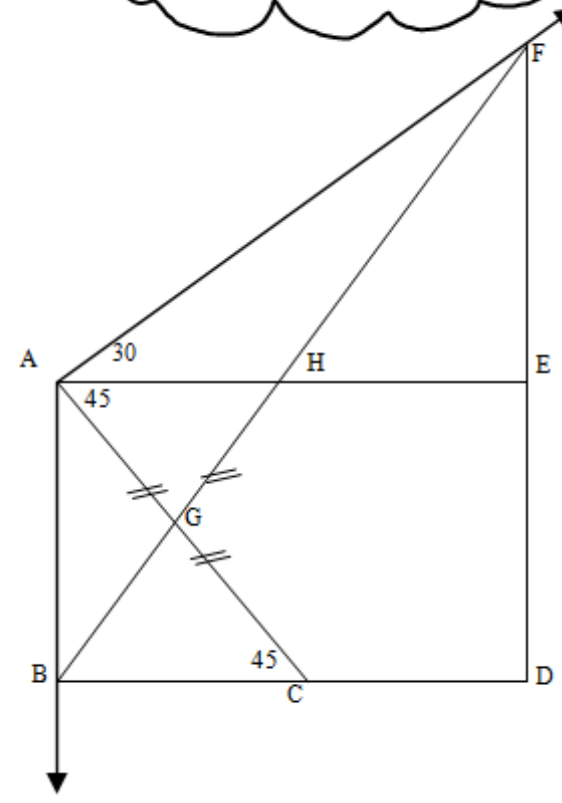
Walk Around Activity

Target 2A. Identify and describe the basic terms of geometry

1. Name a point between G and F. H
2. Is $\angle FAC$ acute? Yes b/c $45+30=75^\circ$, acute \angle
3. G is the midpoint of what segment? \overline{AC} or \overline{CA}
4. Name a point collinear to C and D. B
5. How many different angles have their vertex at A? 6
6. Do $\angle BAH$ and $\angle BAE$ represent the same angle? Yes
7. $\overline{HE} \cap \overline{GC} = A$
8. $\overline{BG} \cap \overline{FB} = \overline{FB}$ or \overline{BF}

Please see me if you need any clarification. These are the solutions

10/11



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$$8. \overline{BG} \cap \overline{FB} = \overline{BF} \text{ or } \overline{FB}$$

$$9. \overline{AF} \cup \overline{AB} = \angle BAF \text{ or } \angle FAB$$

$$10. \overline{BG} \cup \overline{FB} = \overleftrightarrow{FB} \text{ or } \overleftrightarrow{BF}, \angle BGH, \dots \text{ other variations are possible}$$

$$11. \overline{BD} \cap \overline{AF} = \emptyset \text{ (no intersection)}$$

$$12. \overline{BD} \cup \overline{DF} \cup \overline{FB} = \triangle BDF$$

$$13. \overline{BG} \cap \overline{DF} = F$$

$$14. \text{ a) } \overline{GH} \cap \overline{HF} = \overrightarrow{HF}$$

$$\text{ b) } \overline{GH} \cup \overline{HF} = \overrightarrow{GF}$$

$$15. \triangle AHF \cap \triangle FEH = \overline{HF}$$

