

6.G Handout 1

Solutions

1. What is the area of parallelogram $EFGH$ in Figure 1?

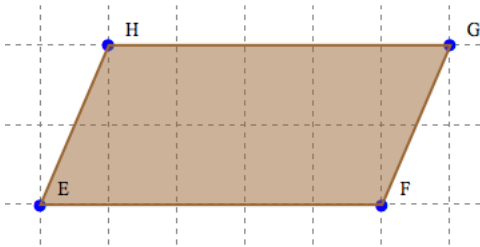


Figure 1.

Area = 10 square units

2. What is the area of triangle EHF in Figure 1?

Area = 5 square units

3. What is the area of triangle ABC in Figure 2?

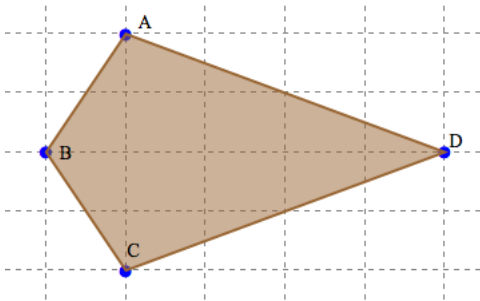


Figure 2.

Area = 2 square units

4. What is the area of triangle ABD in Figure 2?

Area = 5 square units

5. What is the area of triangle ACD in Figure 2?

Area = 8 square units

6. What is the area of kite $ABCD$ in Figure 2?

Area = 10 square units

7. What is the area of triangle ABG in Figure 3?

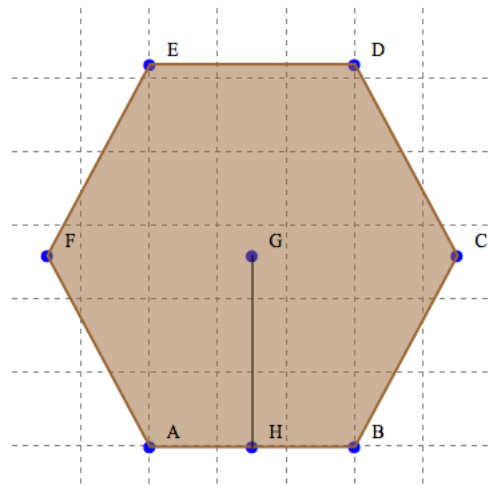


Figure 3.

Area = 3.9 square units

8. What is the area of rhombus $ABCG$ in Figure 3?

Area = 7.8 square units

9. What is the area of hexagon $ABCDEF$ in Figure 3?

Area = 23.4 square units

10. A decoration will be made with the shape from Figure 4. What is the area of the decoration?

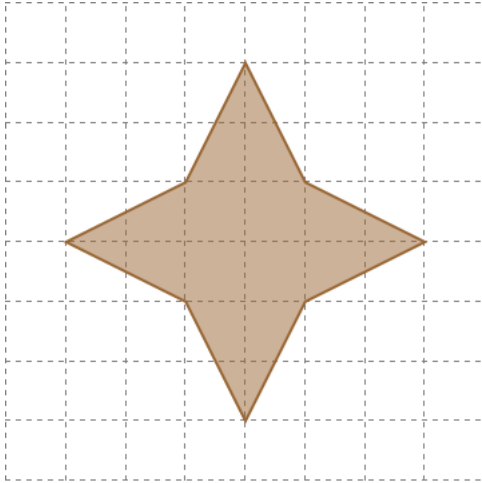


Figure 4.

Area = 12 square units