**Rhombi and Squares Practice**

***PRYZ* is a rhombus. If *RK* = 5, *RY* = 13 and *m*∠*YRZ* = 67, find each measure.**

 **1.** *KY* **4.** *m*∠*PRZ*

 **2.** *PK* **5.** *m*∠*RPZ*

 **3.** *m*∠*YKZ*

***MNPQ* is a rhombus. If *PQ* = 3**$\sqrt{2}$ **and *AP* = 3, find each measure.**

 **6.** *AQ* **8.** *m*∠*MNP*

 **7.** *m*∠*APQ* **9.** *PM*

**COORDINATE GEOMETRY Given each set of vertices, determine whether *BEFG* is a *rhombus*, a *rectangle*, or a *square*. List all that apply. Explain.**

**10.** *B*(–9, 1), *E*(2, 3), *F*(12, –2), *G*(1, –4)

**11.** *B*(1, 3), *E*(7, –3), *F*(1, –9), *G*(–5, –3)

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**12. TESSELLATIONS** The figure is an example of a tessellation. Use a ruler or protractor
to measure the shapes and then name the quadrilaterals used to form the figure.

**13. WINDOWS** The edges of a window are drawn in the coordinate plane.



 Determine whether the window is a square or a rhombus.