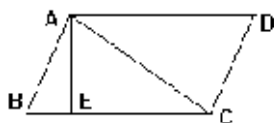


全国八年级数学单元测试（2022年下半年）免费检测试卷

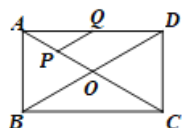
1. 填空题

如图,在平行四边形ABCD中, $AE \perp BC$ 于E, $AC=AD$, $\angle CAE=56^\circ$,则 $\angle D=$ _____.



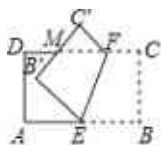
2. 填空题

如图,矩形ABCD的对角线AC与BD相交点O, $AC=10$, P、Q分别为AO、AD的中点,则PQ的长度为_____.



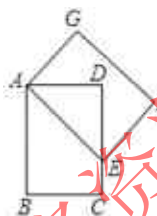
3. 填空题

如图,将矩形ABCD折叠,折痕为EF,BC的对应边 $B'C'$ 与CD交于点M,若 $\angle B'MD=50^\circ$,则 $\angle BEF$ 的度数为_____.



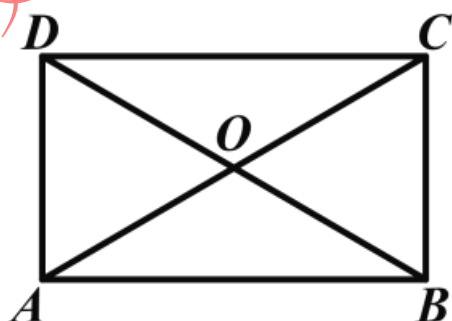
4. 填空题

如图,在矩形ABCD中, $AD=3$,将矩形ABCD绕点A逆时针旋转,得到矩形AEFG,点B的对应点E落在CD上,且 $DE=EF$,则AB的长为_____.



5. 填空题

如图所示,四边形ABCD是矩形, $AB=4\text{cm}$, $\angle CBD : \angle ABD=2:1$,则 $AC=$ _____cm.



6. 填空题

如图,正方形ABCD边长为3,连接AC,AE平分 $\angle CAD$,交BC的延长线于点E, $FA \perp AE$,交CB延长线于点F,则EF的长为_____.