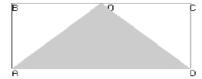
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Answer the questions

- (1) In a quadrilateral ABCD, the bisectors of ∠A and ∠B intersect at P, ∠B and ∠C at Q, ∠C and ∠D at R and ∠D and ∠A at S, what kind of a quadrilateral is PQRS.
- (2) ABCD is a parallelogram and E is the midpoint of side BC. When DE and AB are extended, they meet at point F. If AB = 10 cm and AD = 5 cm, find the measure of AF.
- (3) In the rectangle below, AB is 12 and BC is 18. If O is the midpoint of BC, then what is the area of the shaded region?



(4) In the parallellogram ABCD, the sum of angle bisectors of two adjacent angles is _

