

7. A parallelogram  $PQRS$  has area  $50 \text{ cm}^2$

Given

- $PQ$  has length  $14 \text{ cm}$
- $QR$  has length  $7 \text{ cm}$
- angle  $SPQ$  is obtuse

find

(a) the size of angle  $SPQ$ , in degrees, to 2 decimal places,

**(3)**

(b) the length of the diagonal  $SQ$ , in cm, to one decimal place.

**(2)**