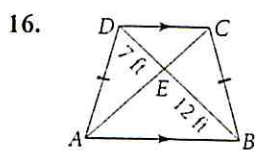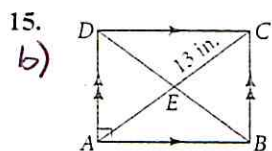**Find AC for each quadrilateral. Justify with math or a theorem.**
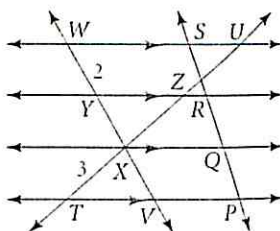
15.
b)

16.

17.
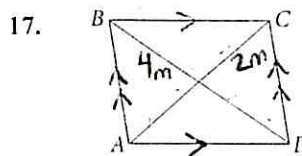
In the figure, the horizontal lines are parallel and $PQ = QR = RS$. Find each length. Show work.
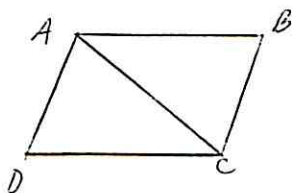
18. *WV*

19. *TZ*

20. *ZU*

For each of the following theorems, give the outline of the proof, using the figure below.
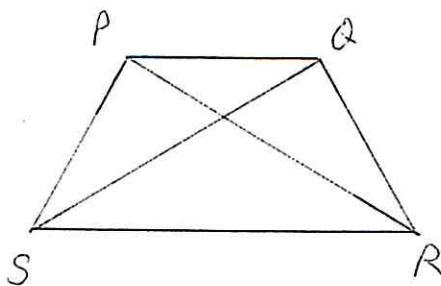

21. *Opposite sides of a parallelogram are congruent.*

22. *Opposite angles of a parallelogram are congruent.*

Give the outline of the proof of the following theorem using the figure below.

23. *Diagonals of an isosceles trapezoid are congruent.*

Use for the graphs of 1 and 2.