In the diagram below:

- TS is parallel to QR
- TS = 5 centimetres
- QR = 7 centimetres
- SR = 2·6 centimetres
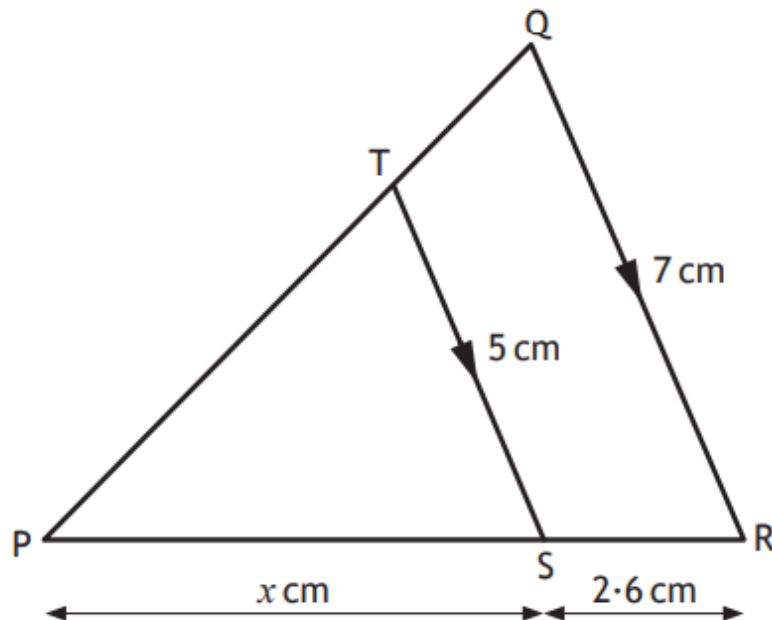
The length of PS is x centimetres.

Calculate the value of x. **3**

Answer:

$x = 6.5$ or $x = \dfrac{13}{2}$