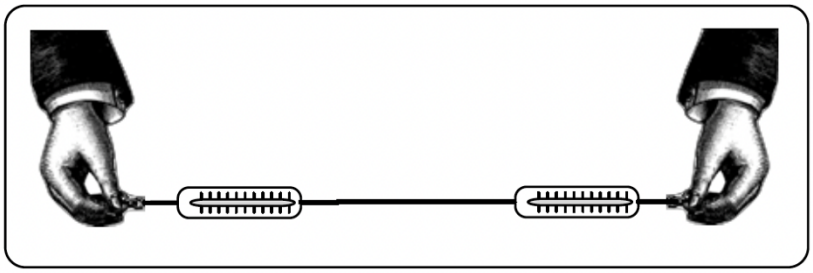
Tension (F_T) investigation



1 a. Make sure that both spring scales read zero when nothing is attached.

1 b. Hand the spring scales to two different people; connect them with the rubber band.

1 c. Have one person pull with 5 N of force on one end. What is the other spring scale reading? Try 10 N. Try 15 N.

2. What is true of the tension at either end of the rubber band?

3. What does the direction of the rubber band's tension pull at the left end? At the right end? (Can you phrase it so that one phrase works for both ends?)

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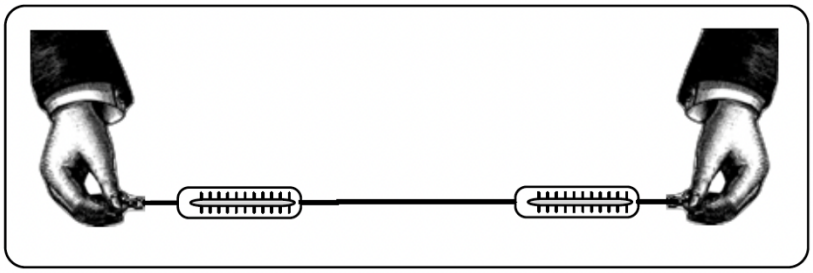

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