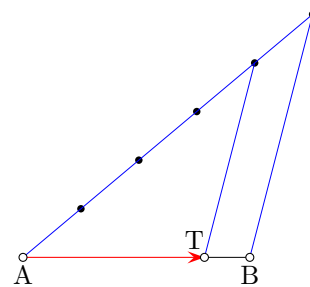
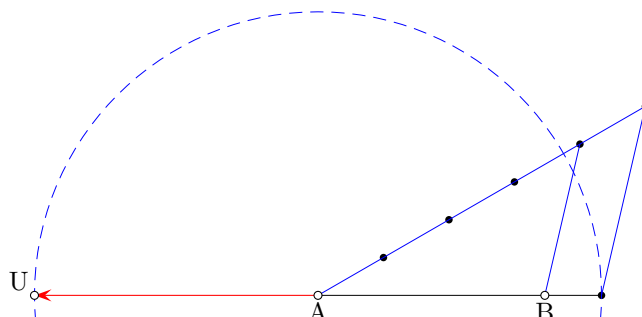


8.9

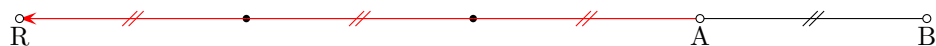
$$1) \overrightarrow{AT} = \frac{4}{5} \overrightarrow{AB}$$



$$2) \overrightarrow{AU} = -\frac{5}{4} \overrightarrow{AB}$$



$$3) \overrightarrow{RA} = 3 \overrightarrow{AB} \iff \overrightarrow{AR} = -3 \overrightarrow{AB}$$



$$4) \overrightarrow{SA} = -2 \overrightarrow{AB} \iff \overrightarrow{AS} = 2 \overrightarrow{AB}$$

