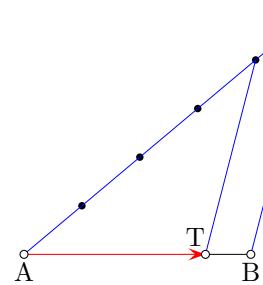
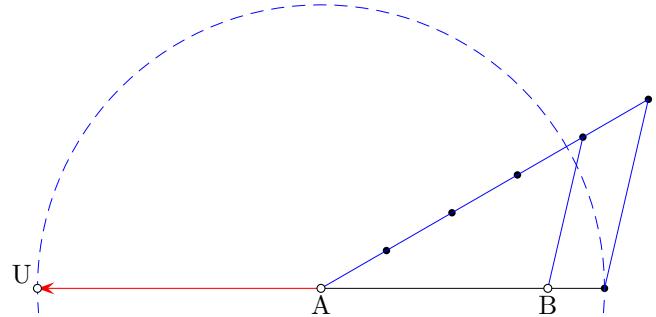


8.9

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

