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© Line, Ray, Line segment, Plane $\qquad$

1) Draw a line segment $P T=10 \mathrm{~cm}$. Point $Q, R$ and $S$ lie on $P T$ such that $P Q=2 \mathrm{~cm}$ and $S T=3 \mathrm{~cm}$. $R$ is the midpoint of $P T$.
i) Find the length of $Q R$ and RS.
ii) Find the length of PS.
2) Draw four lines which pass through the same point. One pair of lines should be perpendicular lines.
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$\qquad$
3) Draw a line segment $P T=10 \mathrm{~cm}$. Point $Q, R$ and $S$ lie on $P T$ such that $P Q=2 \mathrm{~cm}$ and $S T=3 \mathrm{~cm}$. $R$ is the midpoint of $P T$.


## 10 cm

i) Find the length of $Q R$ and $R S$. $\qquad$ 5 cm
ii) Find the length of PS. $\qquad$
2) Draw four lines which pass through the same point. One pair of lines should be perpendicular lines.


