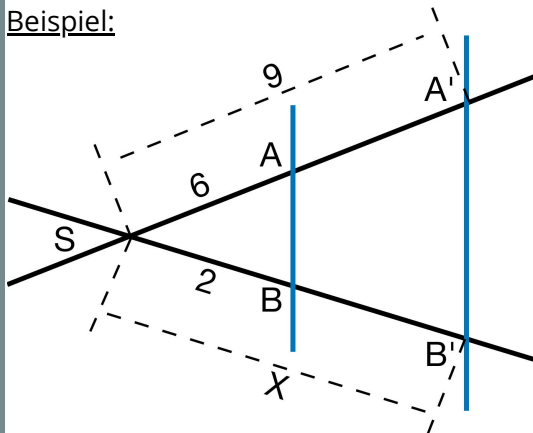


- ① Berechne die fehlende Seitenlänge X. Die Maßeinheit ist cm. Runde wenn nötig auf zwei Stellen nach dem Komma.

Beispiel:



$$\frac{\overline{SB'}}{\overline{SB}} = \frac{\overline{SA'}}{\overline{SA}}$$

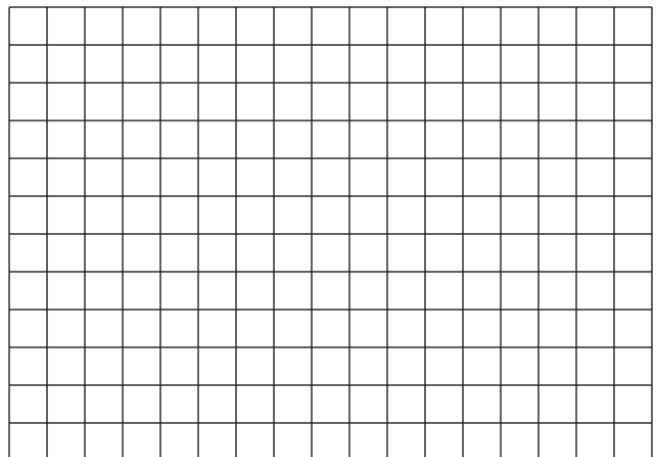
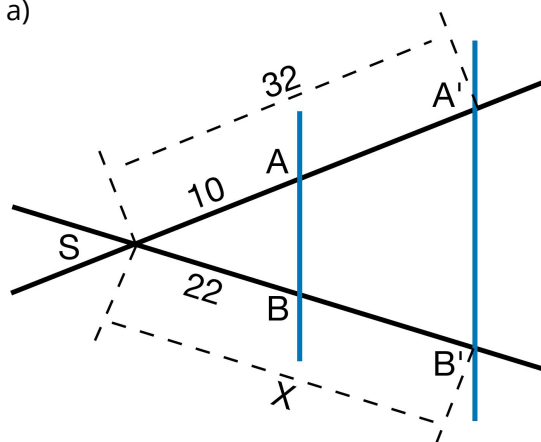
$$\frac{X}{2} = \frac{9}{6} \cdot 2$$

$$X = \frac{9}{6} \cdot 2$$

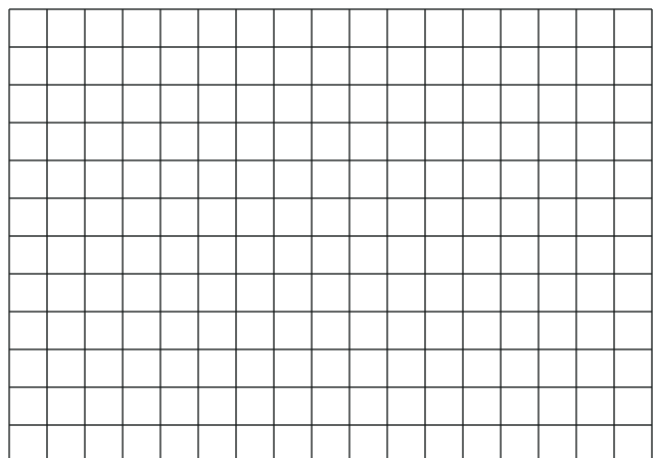
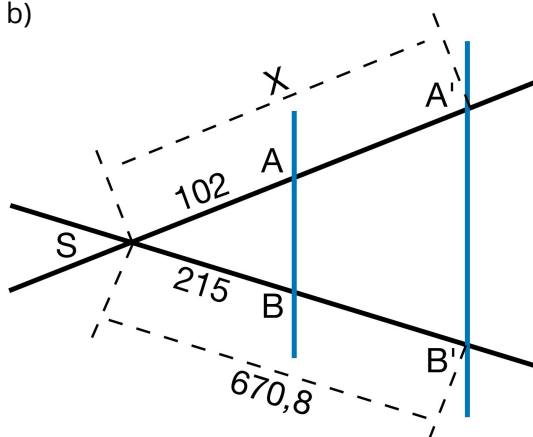
$$X = 3$$

Die Strecke $\overline{SB'}$ ist also 3cm lang.

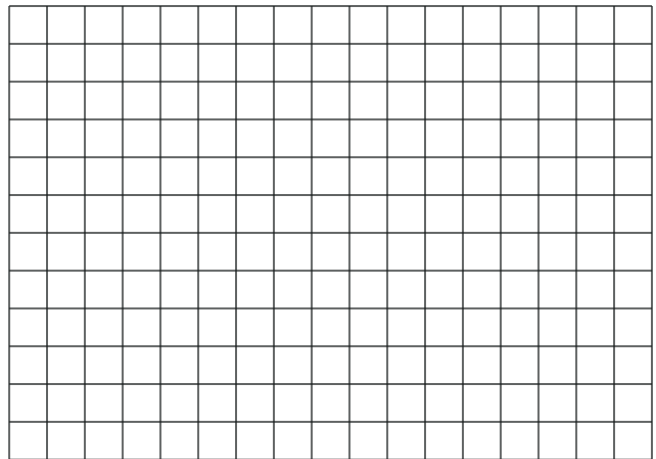
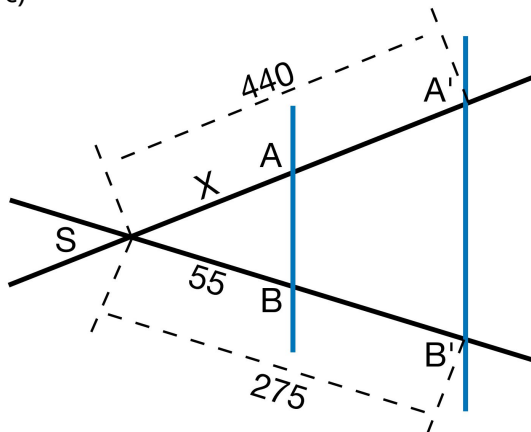
a)



b)

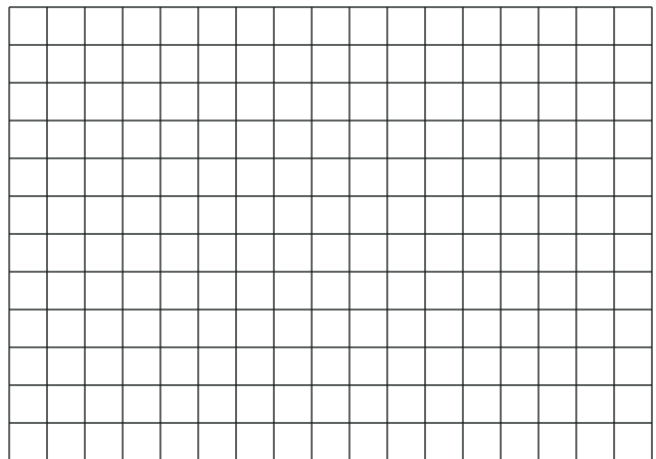
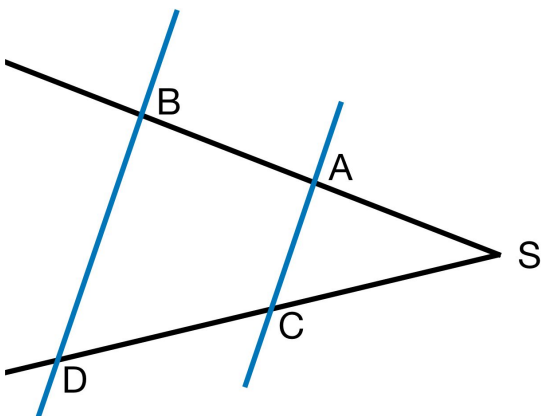


c)



② Gegeben: $\overline{SB} = 4,7cm$
 $\overline{SC} = 2,2cm$
 $\overline{SD} = 6cm$

Gesucht: Länge der Strecke $\overline{SA}$



③ Gegeben: $\overline{SA} = 750cm$
 $\overline{SC} = 825cm$
 $\overline{CD} = 550cm$

Gesucht: Länge der Strecke $\overline{AB}$

