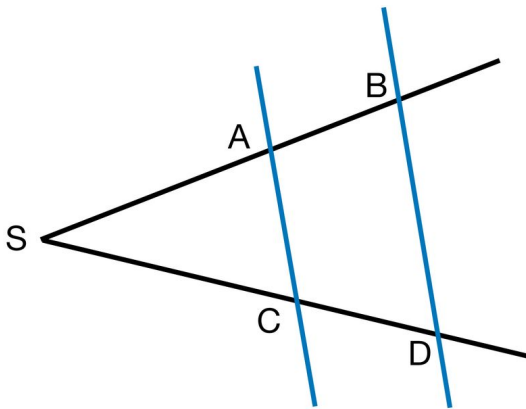




AB: 1. Strahlensatz Verhältnisse

Mathematik Flächen R 9

① Kreuze die richtigen Verhältnisse an! Es können auch mehrere Verhältnisse richtig sein.

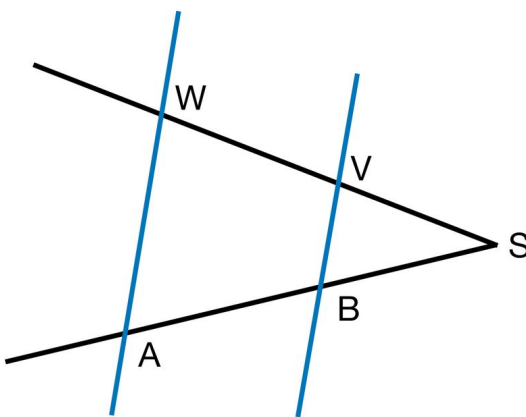


$$\frac{\overline{SB}}{\overline{SA}} = \frac{\overline{SD}}{\overline{SC}}$$

$$\frac{\overline{SA}}{\overline{SC}} = \frac{\overline{SB}}{\overline{SD}}$$

$$\frac{\overline{AB}}{\overline{CD}} = \frac{\overline{SA}}{\overline{SC}}$$

	richtig	falsch
$\frac{\overline{SB}}{\overline{SA}} = \frac{\overline{SD}}{\overline{SC}}$	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{\overline{SA}}{\overline{SC}} = \frac{\overline{SB}}{\overline{SD}}$	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{\overline{AB}}{\overline{CD}} = \frac{\overline{SA}}{\overline{SC}}$	<input type="checkbox"/>	<input type="checkbox"/>



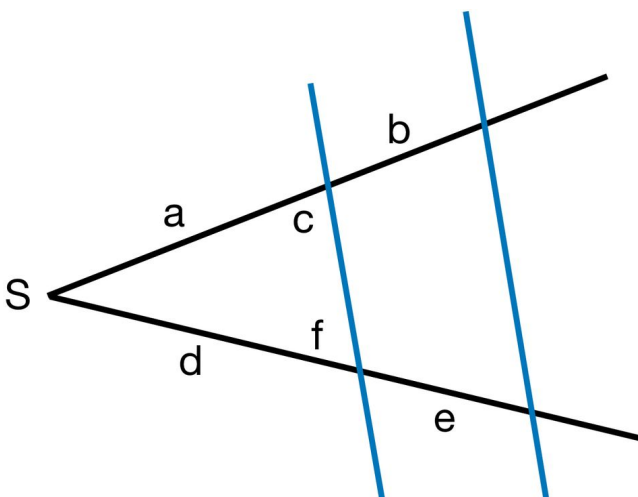
$$\frac{\overline{SV}}{\overline{SB}} = \frac{\overline{AV}}{\overline{WB}}$$

$$\frac{\overline{SV}}{\overline{SB}} = \frac{\overline{VW}}{\overline{AB}}$$

$$\frac{\overline{SA}}{\overline{SB}} = \frac{\overline{SV}}{\overline{SW}}$$

	richtig	falsch
$\frac{\overline{SV}}{\overline{SB}} = \frac{\overline{AV}}{\overline{WB}}$	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{\overline{SV}}{\overline{SB}} = \frac{\overline{VW}}{\overline{AB}}$	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{\overline{SA}}{\overline{SB}} = \frac{\overline{SV}}{\overline{SW}}$	<input type="checkbox"/>	<input type="checkbox"/>

② Ergänze die Verhältnisse und finde 5 weitere Verhältnisse!



a)	$\frac{d}{a} = \frac{e}{c}$	e)	
b)	$\frac{b}{a} = \frac{e}{c}$	f)	
c)	$\frac{b}{c} = \frac{e}{d}$	g)	
d)		h)	

