

# Worksheet

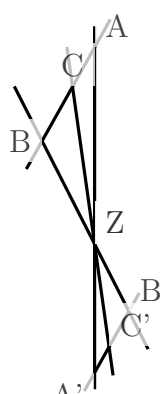
09/16/2020

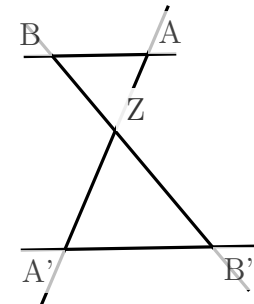
Free on dw-math.com

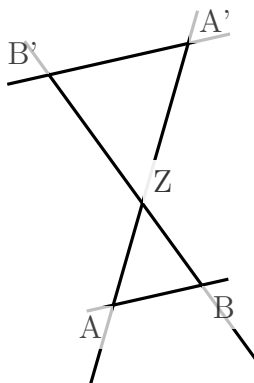
Problem quickname: 2896

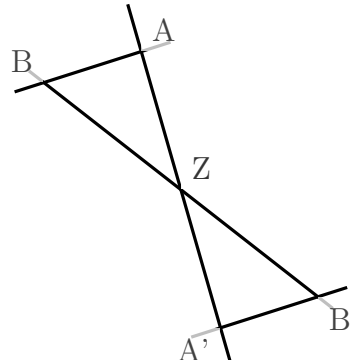
1)

Which line segment must be placed at the position with the question mark?

a)   $\frac{|AC|}{?} = \frac{|AB|}{|A'B'|}$   
Possible answers:  
 $|A'C'|, |ZB'|, |ZA'|$

b)   $\frac{|A'B'|}{|AB|} = \frac{?}{|ZB|}$   
Possible answers:  
 $|AA'|, |ZB'|, |ZA'|$

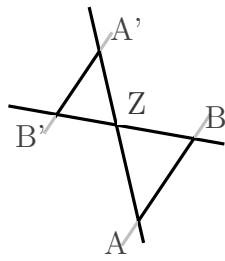
c)   $\frac{|AB|}{?} = \frac{|ZA|}{|ZA'|}$   
Possible answers:  
 $|ZB'|, |ZB|, |A'B'|$

d)   $\frac{|A'B'|}{|AB|} = \frac{?}{|ZB|}$   
Possible answers:  
 $|ZB'|, |ZA'|, |ZA|$

2)

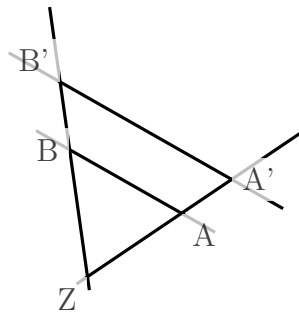
Which line segment must be placed at the position with the question mark?

a)



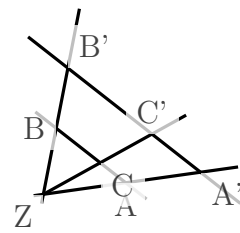
$$\frac{|A'B'|}{|AB|} = \frac{|ZA'|}{?}$$

b)



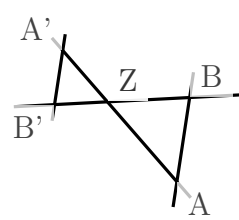
$$\frac{|ZA|}{|ZB|} = \frac{?}{|ZB'|}$$

c)



$$\frac{?}{|AC|} = \frac{|A'B'|}{|AB|}$$

d)

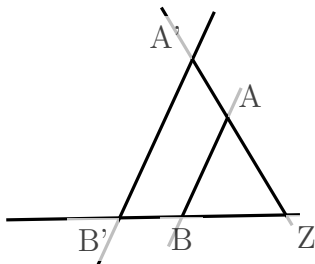


$$\frac{|A'B'|}{?} = \frac{|ZA'|}{|ZA|}$$

3)

Which line segment must be placed at the position with the question mark?

a)

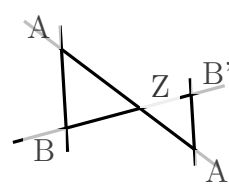


$$\frac{?}{|ZA|} = \frac{|BB'|}{|ZB|}$$

Possible answers:

$|ZB'|$ ,  $|AA'|$ ,  $|ZA'|$

b)

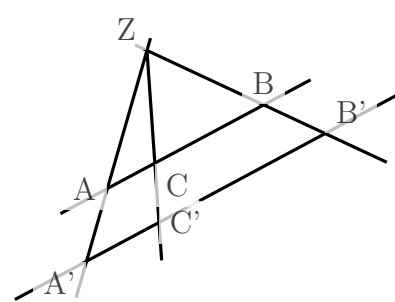


$$\frac{|A'B'|}{|AB|} = \frac{?}{|ZB|}$$

Possible answers:

$|ZA|$ ,  $|ZB'|$ ,  $|BB'|$

c)

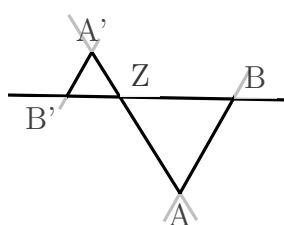


$$\frac{|B'C'|}{|BC|} = \frac{?}{|AC|}$$

Possible answers:

$|A'C'|$ ,  $|BB'|$ ,  $|ZA'|$

d)



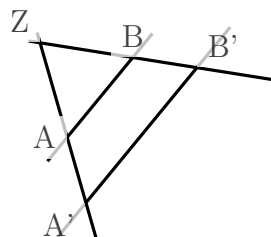
$$\frac{|A'B'|}{|AB|} = \frac{?}{|ZB|}$$

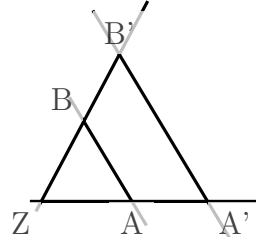
Possible answers:

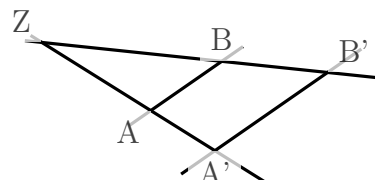
$|ZB'|$ ,  $|AA'|$ ,  $|ZA'|$

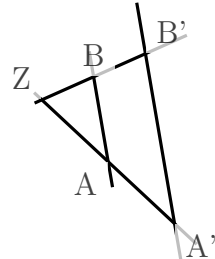
4)

Which line segment must be placed at the position with the question mark?

a)   $\frac{|AA'|}{?} = \frac{|BB'|}{|ZB|}$   
Possible answers:  
 $|AB|, |ZA'|, |ZA|$

b)   $\frac{|ZA'|}{|AA'|} = \frac{?}{|BB'|}$   
Possible answers:  
 $|A'B'|, |ZB'|, |ZB|$

c)   $\frac{|BB'|}{|AA'|} = \frac{?}{|ZA|}$   
Possible answers:  
 $|ZB|, |A'B'|, |AB|$

d)   $\frac{|ZA|}{|ZA'|} = \frac{|ZB|}{?}$   
Possible answers:  
 $|A'B'|, |BB'|, |ZB'|$

Good Luck!