

# Worksheet

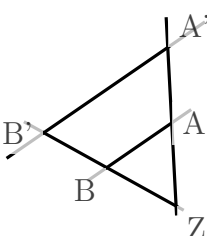
09/16/2020

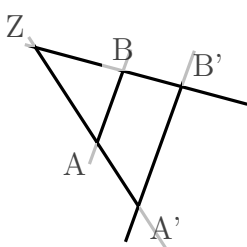
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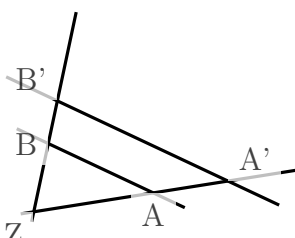
Problem quickname: 2896

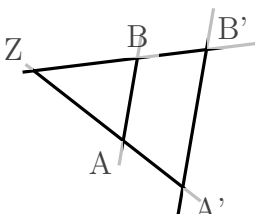
1)

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

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

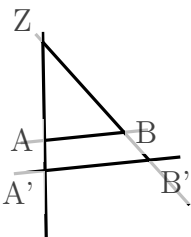
b)   $\frac{|ZA'|}{|ZA'|} = \frac{?}{|ZB|}$   
Possible answers:  
 $|ZB'|$ ,  $|A'B'|$ ,  $|BB'|$

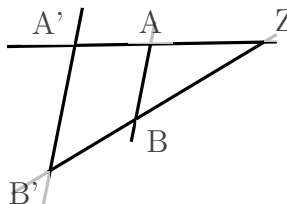
c)   $\frac{|AA'|}{|BB'|} = \frac{?}{|ZB'|}$   
Possible answers:  
 $|A'B'|$ ,  $|AB|$ ,  $|ZA'|$

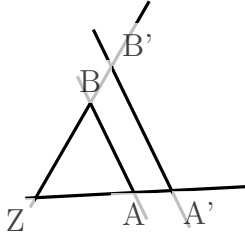
d)   $\frac{|BB'|}{?} = \frac{|ZB'|}{|ZA'|}$   
Possible answers:  
 $|AB|$ ,  $|ZB|$ ,  $|AA'|$

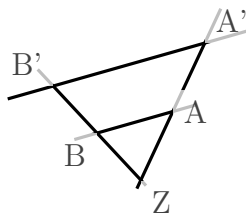
2)

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

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

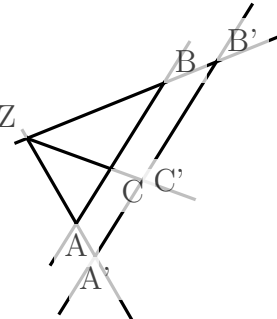
b)   $\frac{|AB|}{|A'B'|} = \frac{|ZA|}{?}$   
Possible answers:  
 $|ZA'|$ ,  $|BB'|$ ,  $|ZB|$

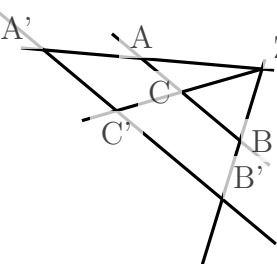
c)   $\frac{?}{|A'B'|} = \frac{|ZA|}{|ZA'|}$   
Possible answers:  
 $|BB'|, |AB|, |AA'|$

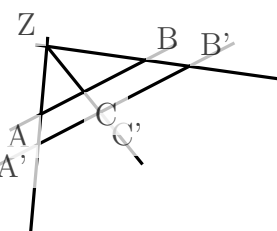
d)   $\frac{|A'B'|}{?} = \frac{|ZB'|}{|ZB|}$   
Possible answers:  
 $|BB'|, |AB|, |ZA'|$

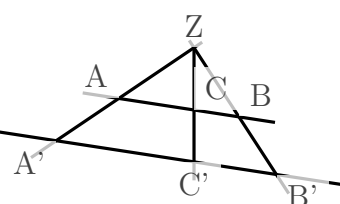
3)

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

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

b)   $\frac{?}{|BC|} = \frac{|A'C'|}{|AC|}$   
Possible answers:  
 $|AA'|, |BB'|, |B'C'|$

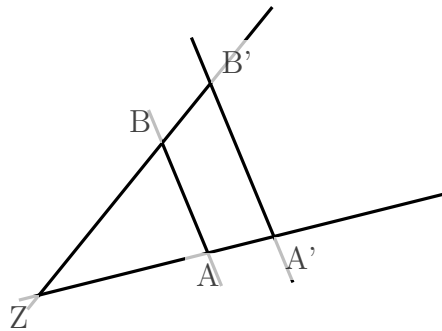
c)   $\frac{|BC|}{|B'C'|} = \frac{|AC|}{?}$   
Possible answers:  
 $|A'C'|, |A'B'|, |ZB'|$

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

4)

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

a)

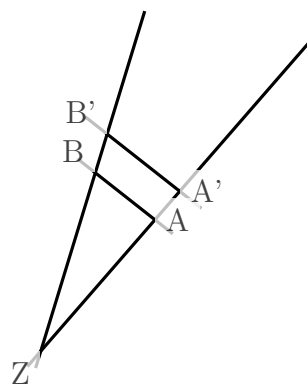


$$\frac{|A'B'|}{|AB|} = \frac{?}{|ZA|}$$

Possible answers:

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

b)

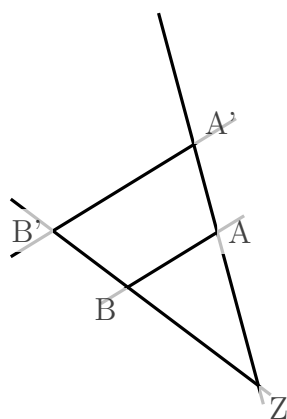


$$\frac{|A'B'|}{|AB|} = \frac{?}{|ZB|}$$

Possible answers:

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

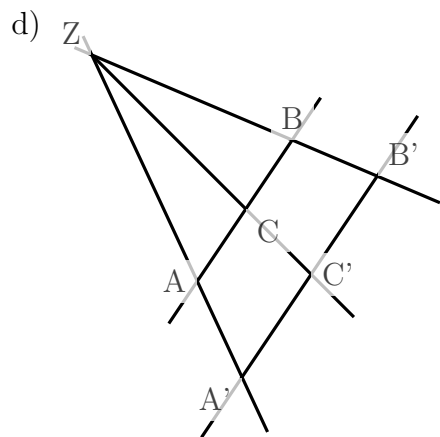
c)



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

Possible answers:

$|A'B'|$ ,  $|ZB|$ ,  $|ZB'|$



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

Possible answers:

$|ZA|$ ,  $|A'C'|$ ,  $|AB|$

Good Luck!