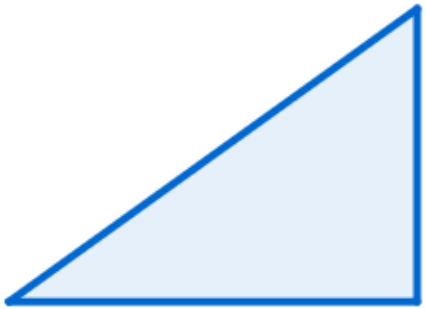
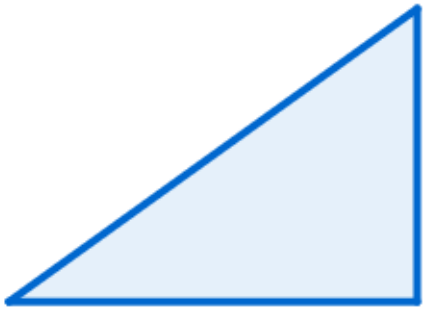
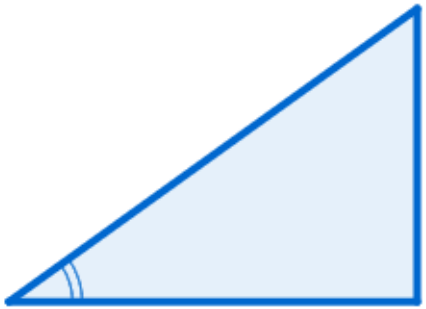
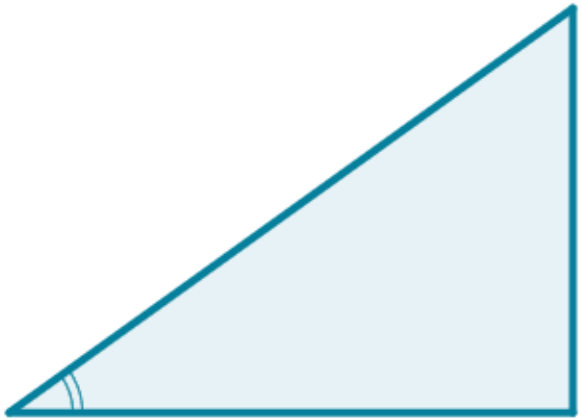
직각삼각형에 대한 삼각비
(Trigonometric ratios in right triangles)

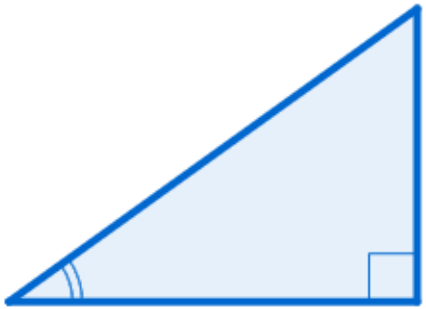
Trigonometric ratios in right triangles

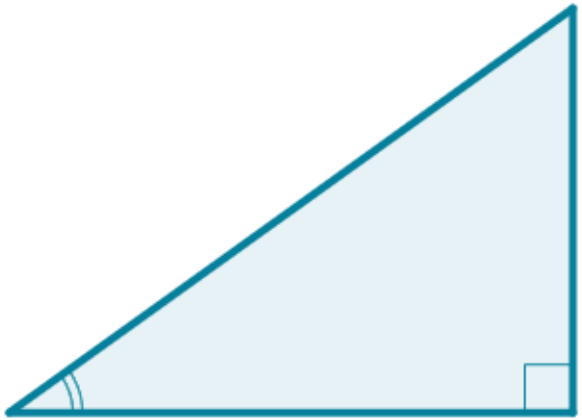




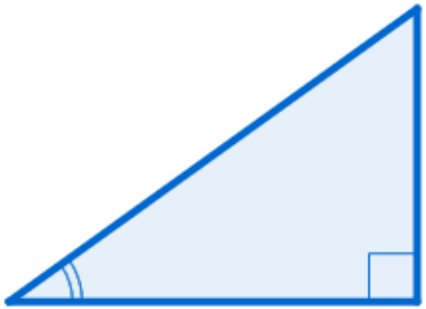


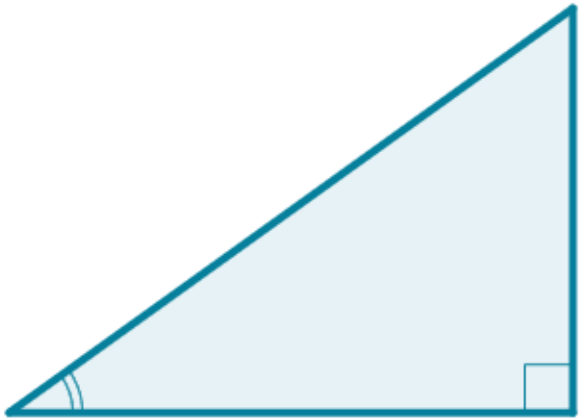




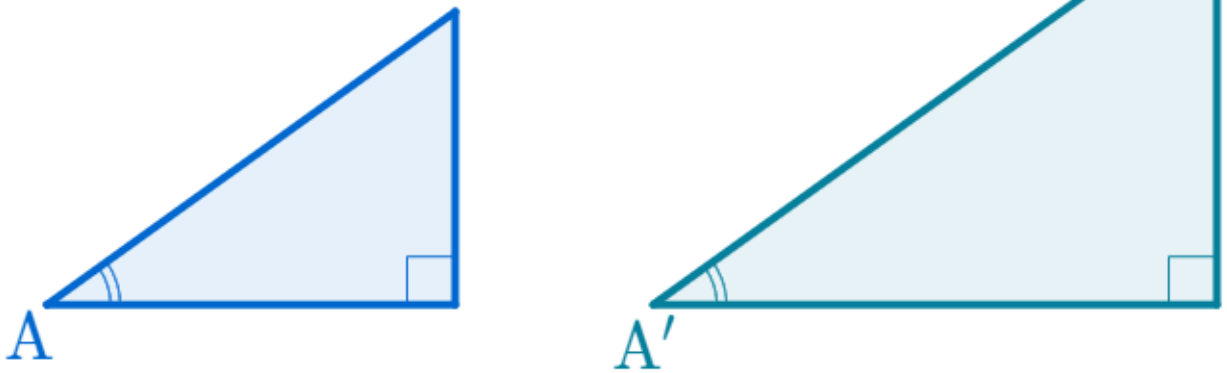


AA 닮음
(AA simiarity)

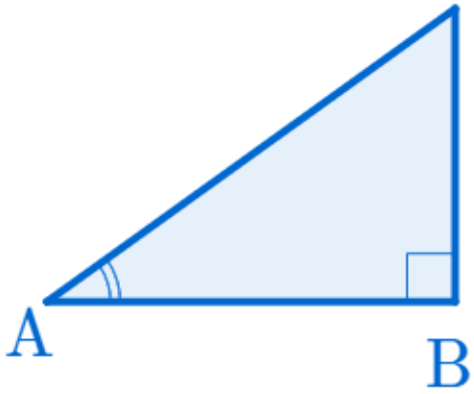


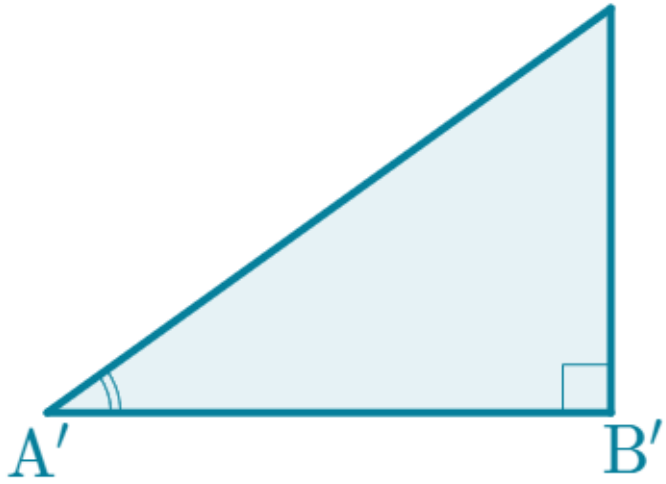


AA 닮음
(AA simiarity)



AA 닮음
(AA simiarity)





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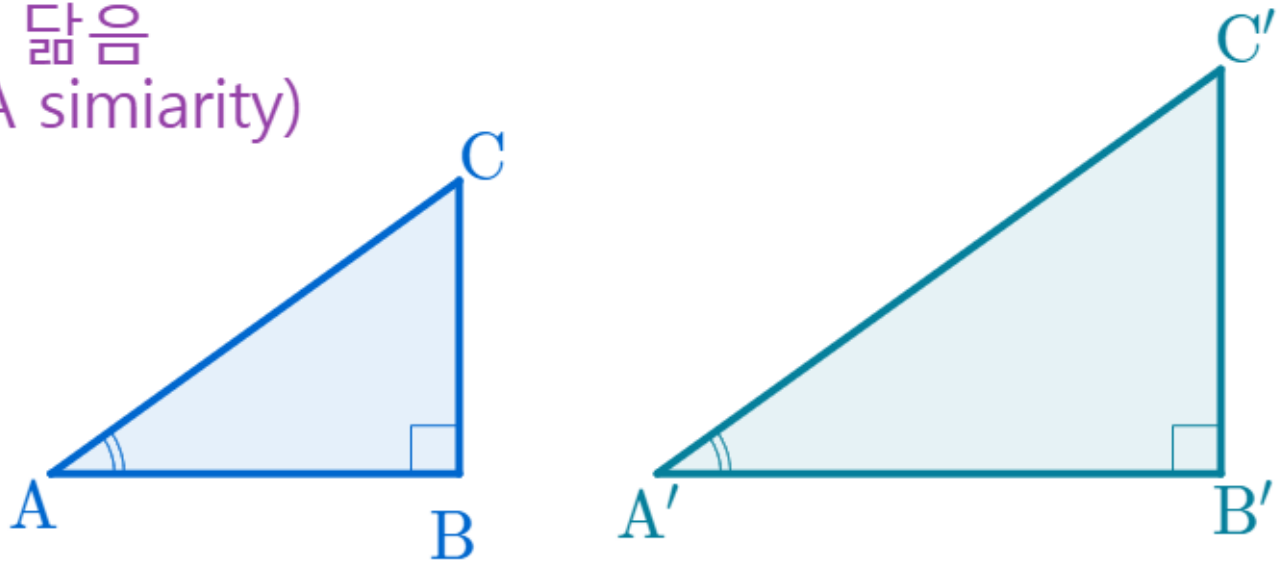
(AA simiarity)



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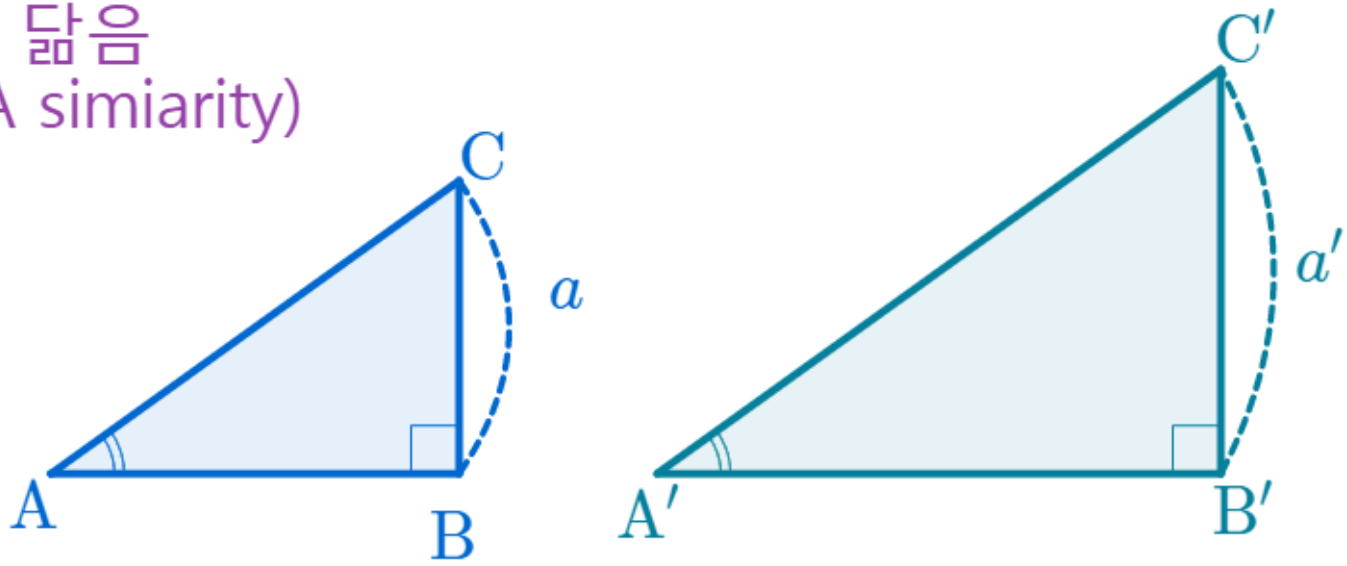

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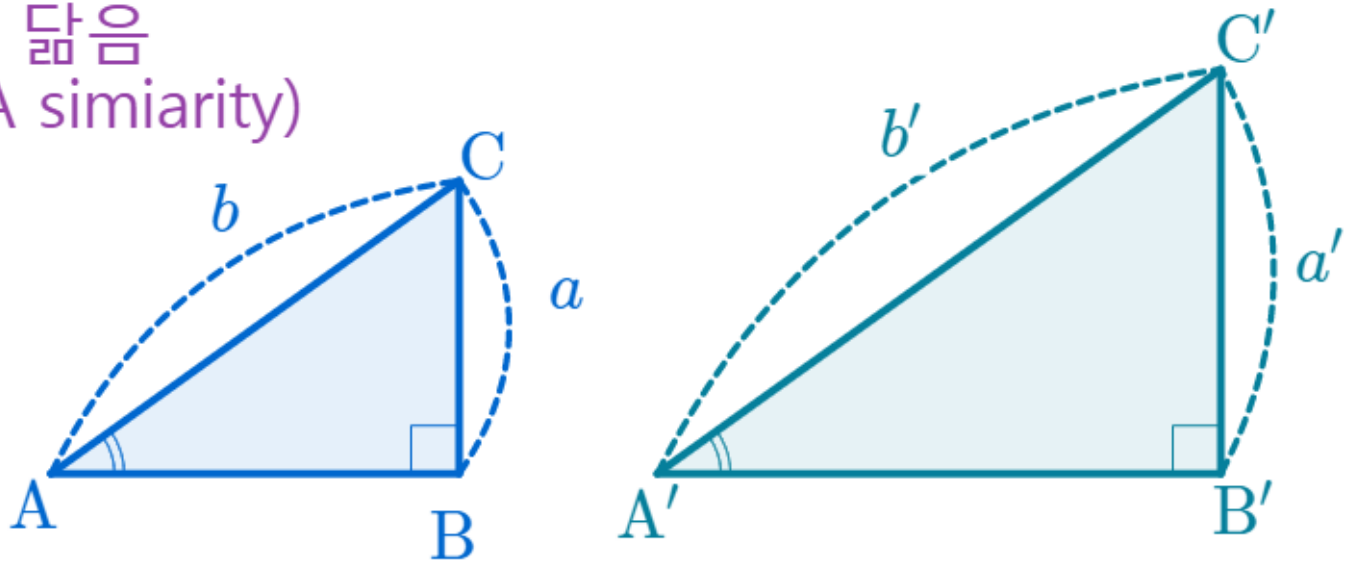
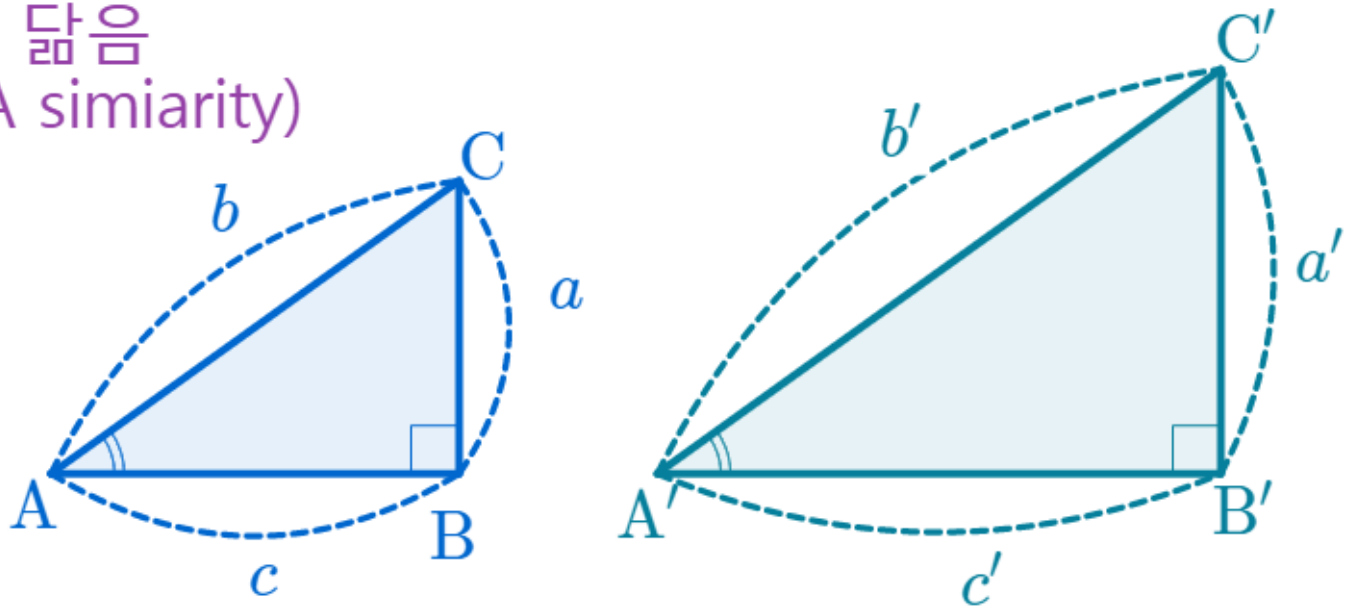
(AA simiarity)

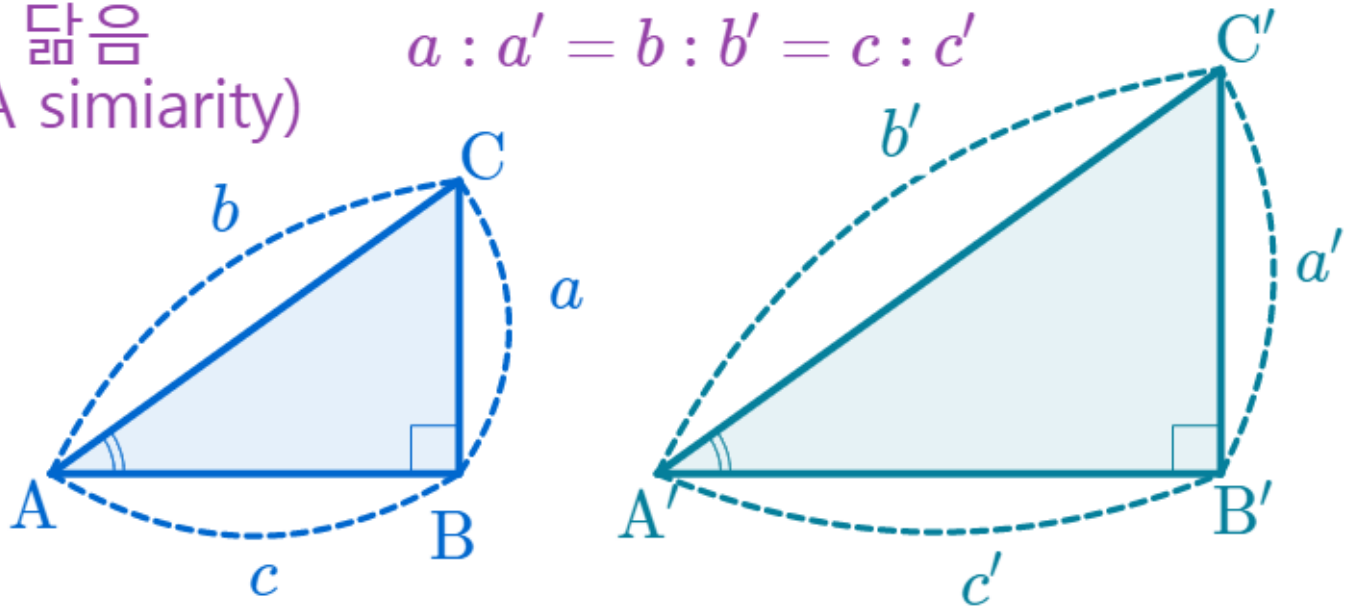


AA 닮음
(AA simiarity)



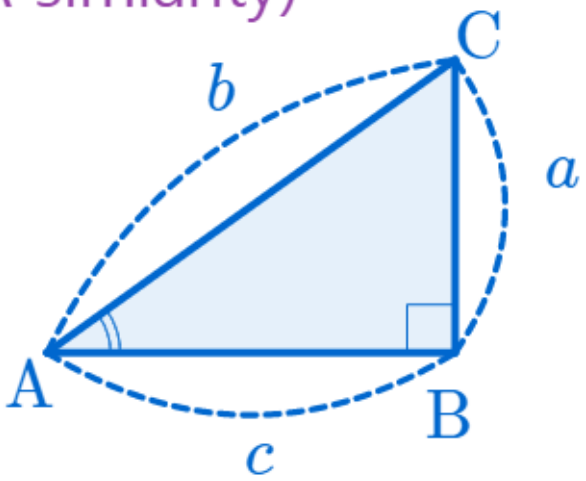
AA 닮음
(AA simiarity)

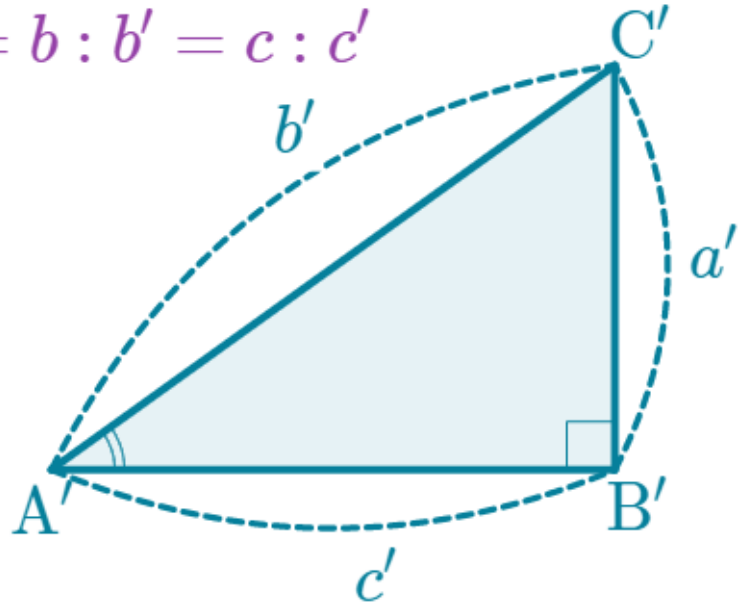
$$a : a' = b : b' = c : c'$$



AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$

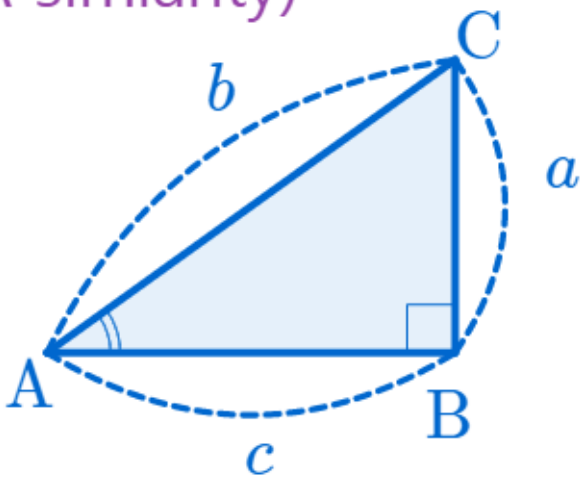


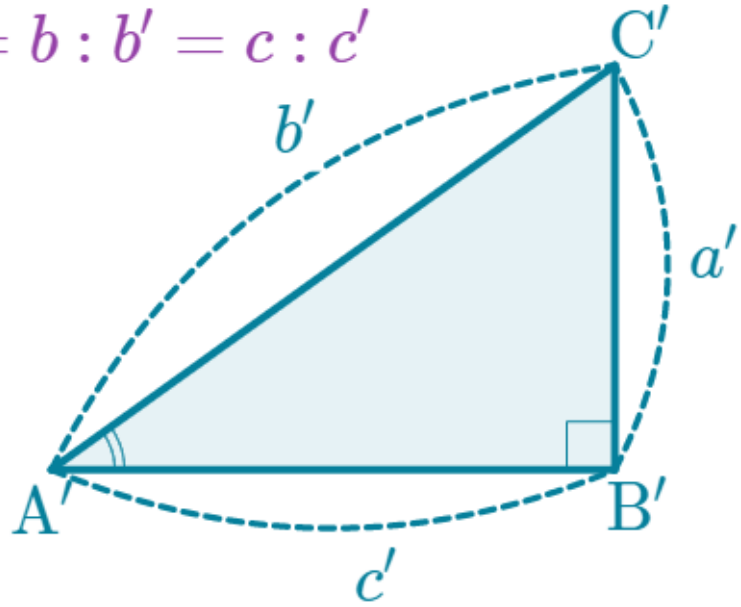


$a : a' = b : b'$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$



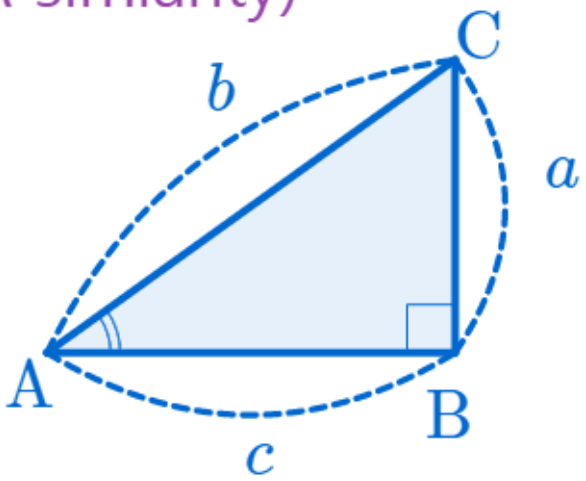


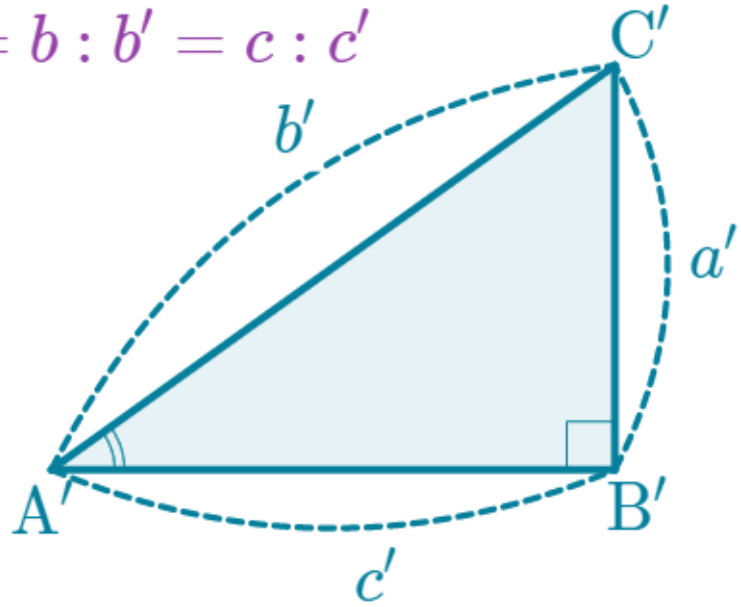
$a : a' = b : b'$

$a \times b' = a' \times b$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$





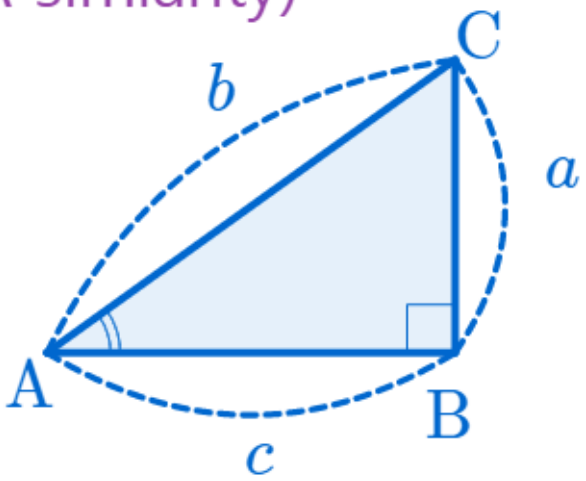
$$a : a' = b : b'$$

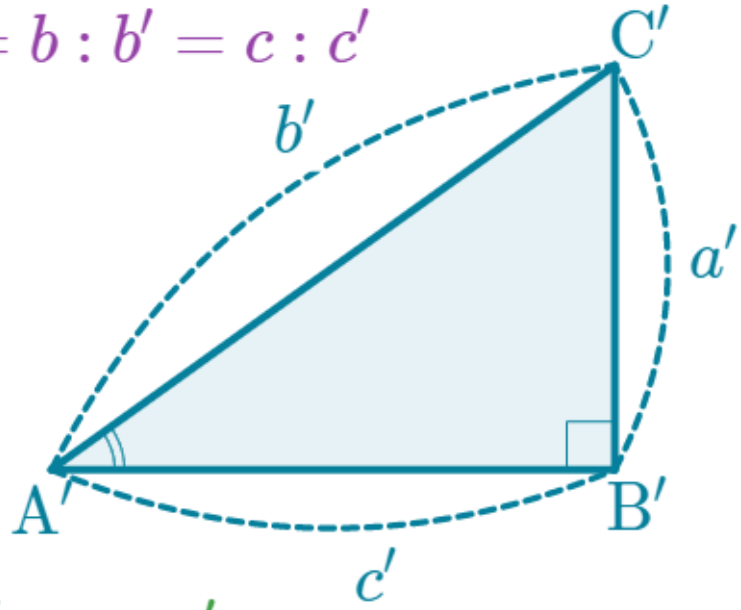
$$a \times b' = a' \times b$$

$$\frac{a}{b} = \frac{a'}{b'}$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$





$a : a' = b : b'$

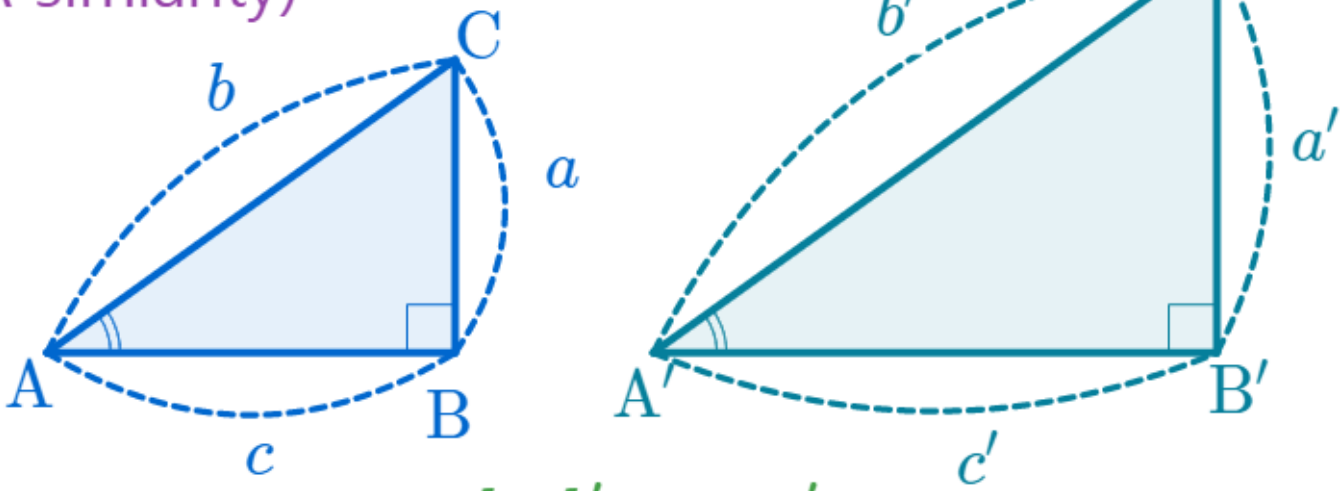
$a \times b' = a' \times b$

$$\frac{a}{b} = \frac{a'}{b'}$$

$b : b' = c : c'$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$

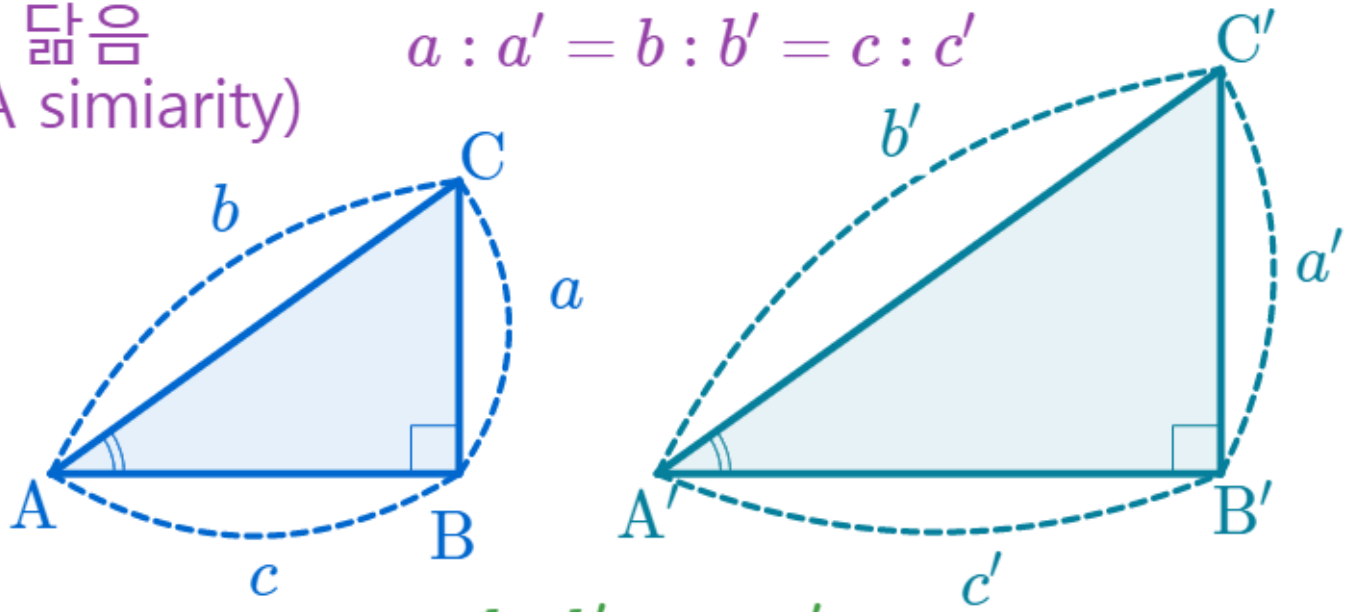


$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

$$b : b' = c : c'$$
$$b \times c' = b' \times c$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$

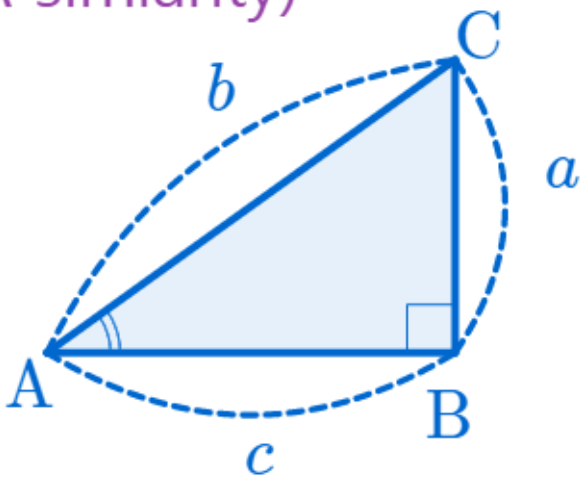


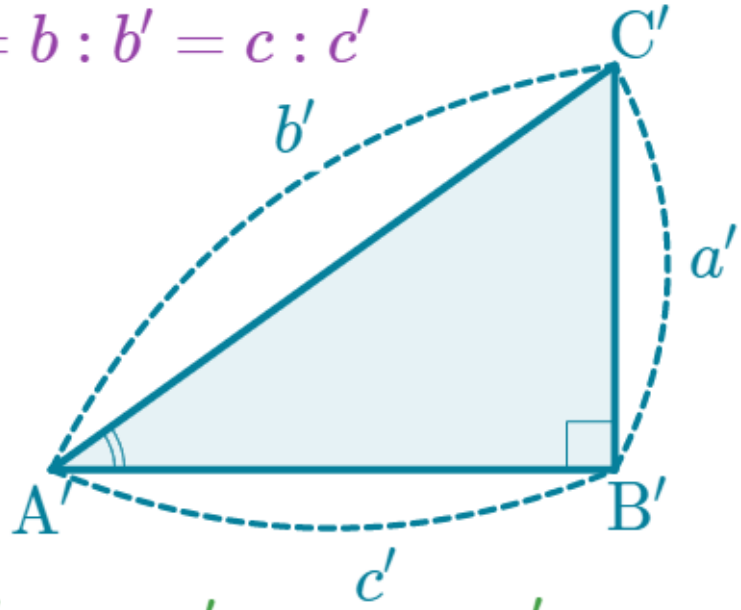
$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$





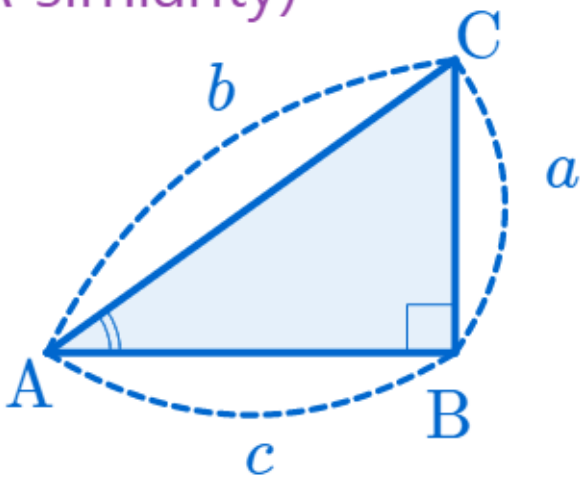
$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

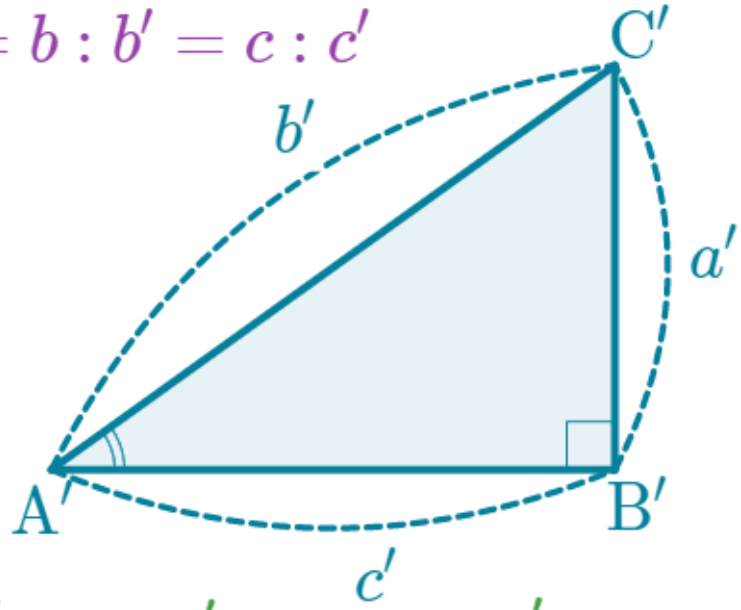
$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

$$c : c' = a : a'$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$





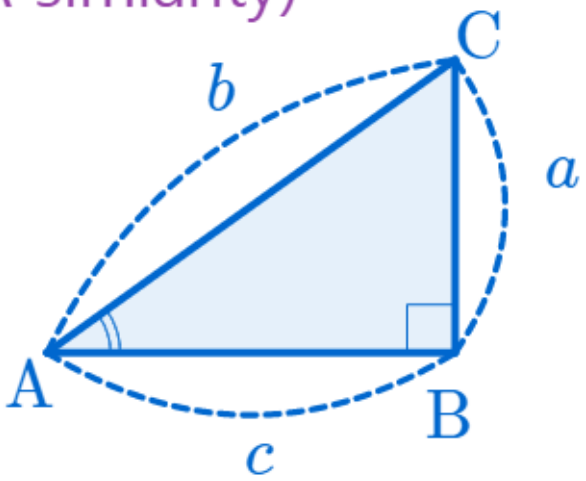
$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

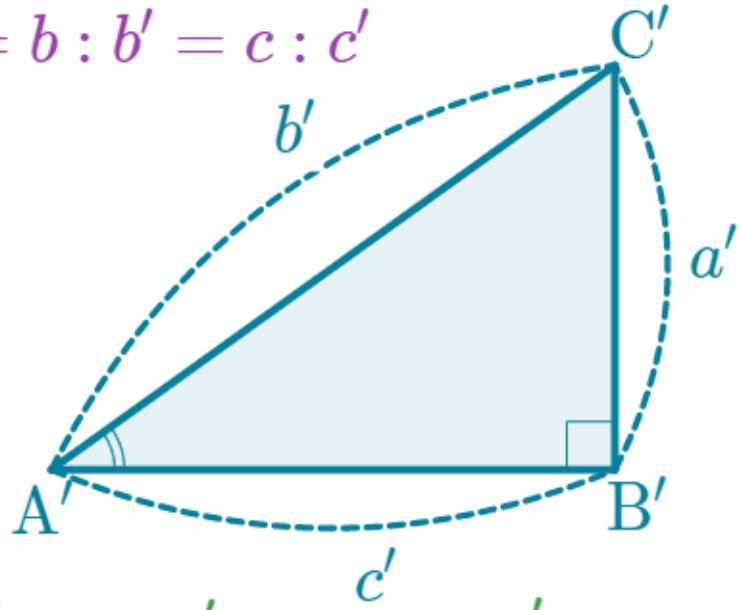
$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

$$c : c' = a : a'$$
$$c \times a' = c' \times a$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$





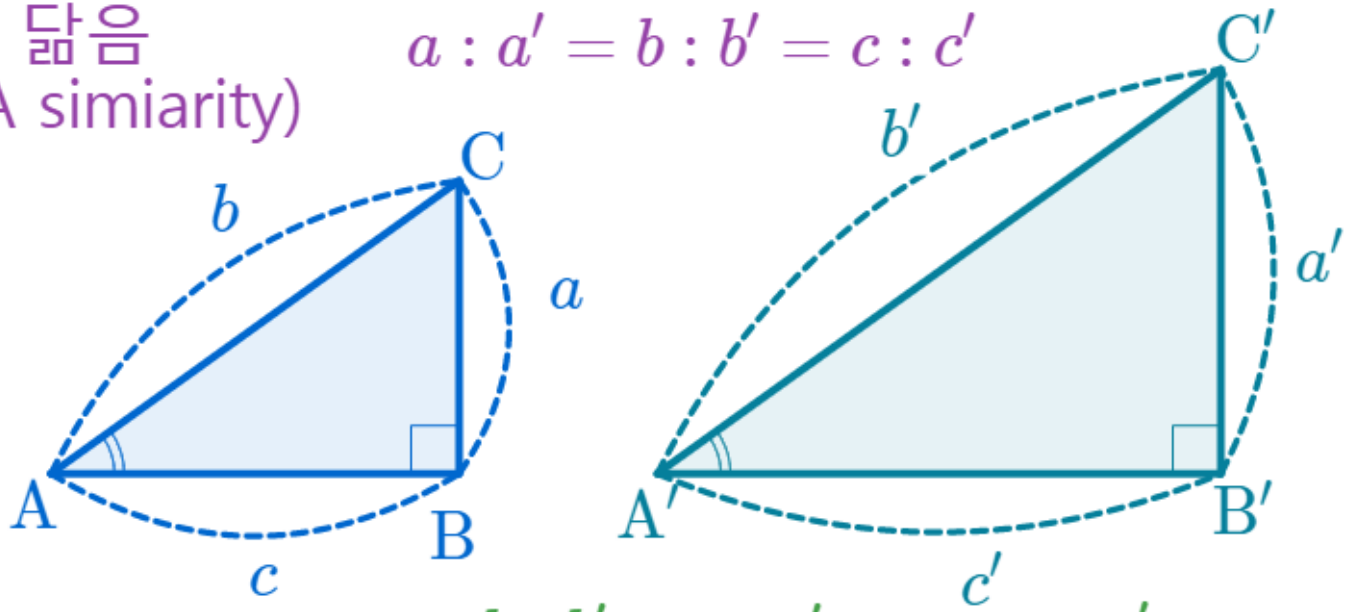
$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

$$c : c' = a : a'$$
$$c \times a' = c' \times a$$
$$\frac{a}{c} = \frac{a'}{c'}$$

AA 닮음
(AA simiarity)

$$a : a' = b : b' = c : c'$$



$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

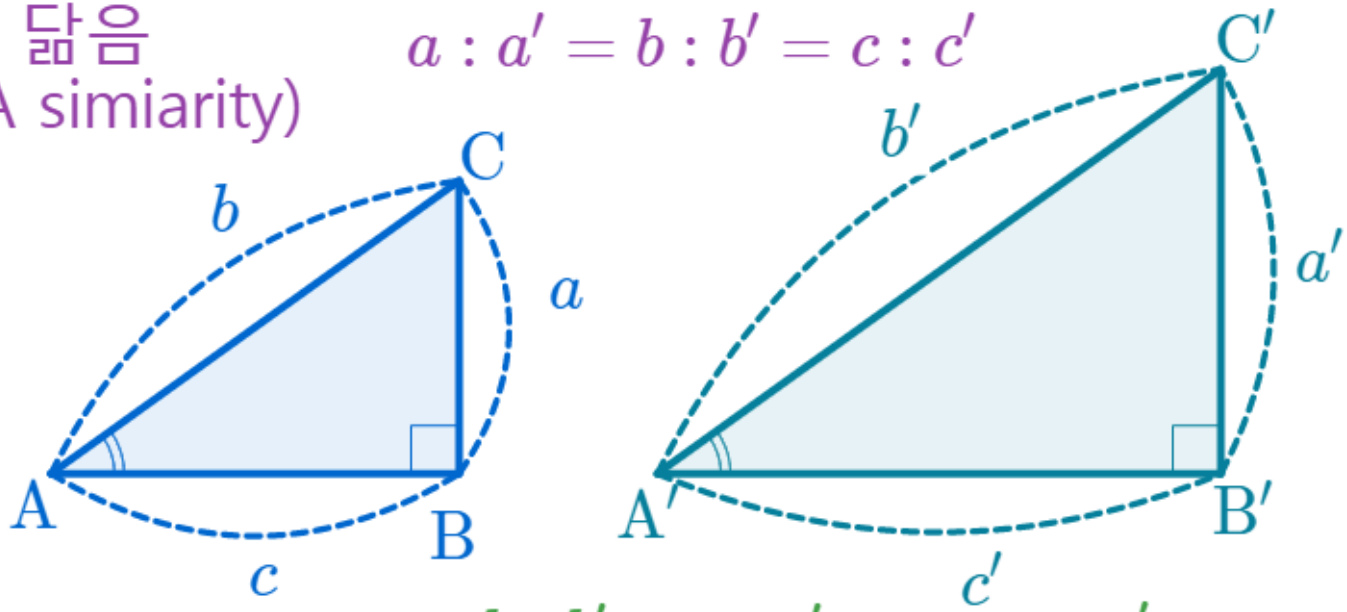
$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

$$c : c' = a : a'$$
$$c \times a' = c' \times a$$
$$\frac{a}{c} = \frac{a'}{c'}$$

$$\sin A = \frac{a}{b}$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$



$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

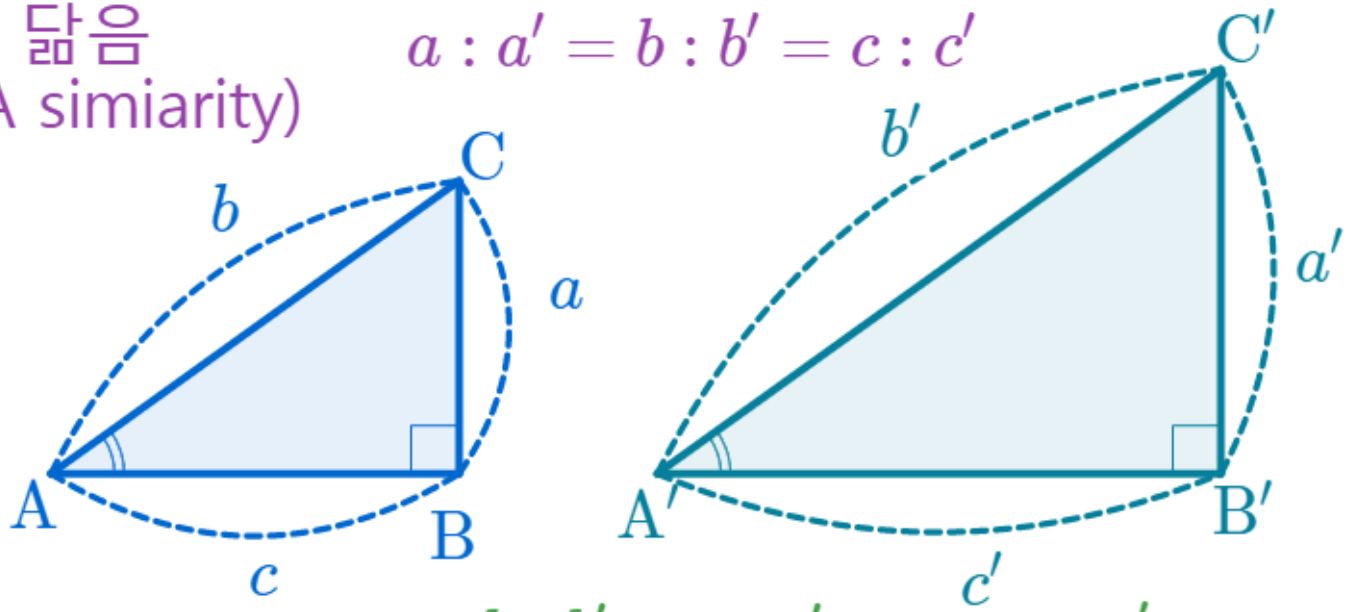
$$c : c' = a : a'$$
$$c \times a' = c' \times a$$
$$\frac{a}{c} = \frac{a'}{c'}$$

$$\sin A = \frac{a}{b}$$

$$\cos A = \frac{c}{b}$$

AA 닮음
(AA simiarity)

$a : a' = b : b' = c : c'$



$$a : a' = b : b'$$
$$a \times b' = a' \times b$$
$$\frac{a}{b} = \frac{a'}{b'}$$

$$b : b' = c : c'$$
$$b \times c' = b' \times c$$
$$\frac{c}{b} = \frac{c'}{b'}$$

$$c : c' = a : a'$$
$$c \times a' = c' \times a$$
$$\frac{a}{c} = \frac{a'}{c'}$$

$$\sin A = \frac{a}{b}$$

$$\cos A = \frac{c}{b}$$

$$\tan A = \frac{a}{c}$$

Github:
https://min7014.github.io/math20200119001.html

Click or paste URL into the URL search bar, and you can see a picture moving.