선분의 내분점과 외분점
(The internal division and the external divison of a line segment)

The internal division and the external divison of a line segment

Start

The internal division and the external divison of a line segment

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$$\overline{\mathrm{AP}} : \overline{\mathrm{BP}} = 3 : 2$$

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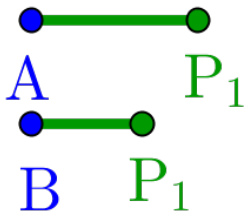

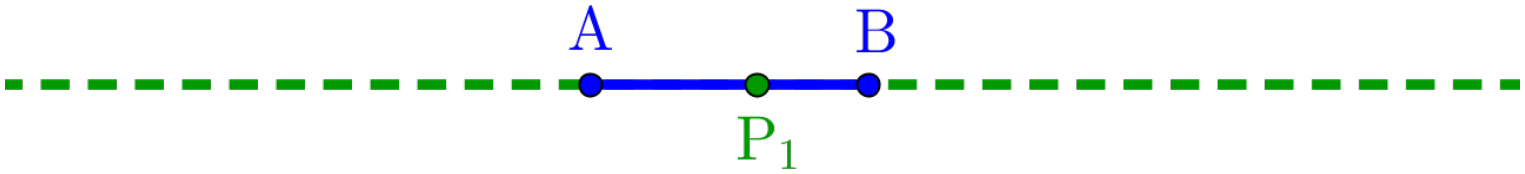

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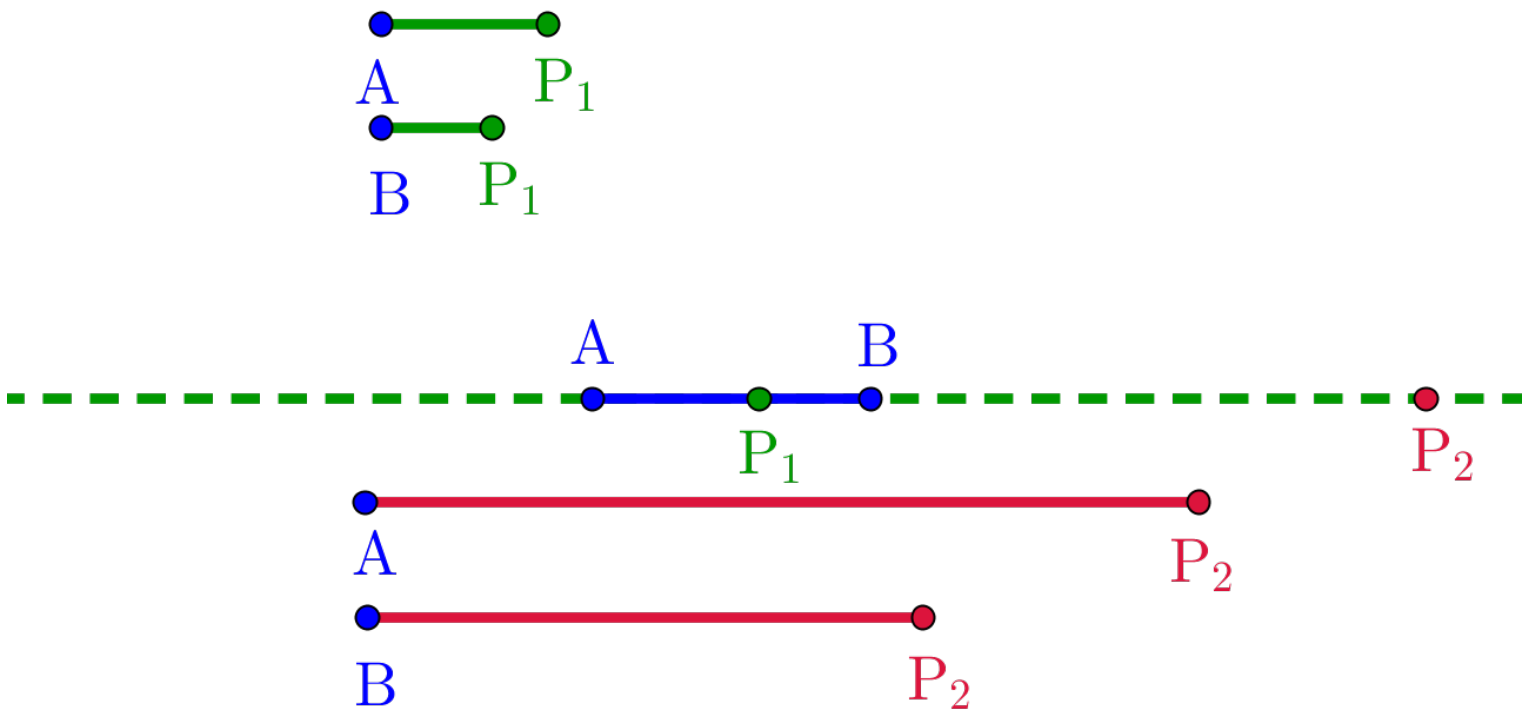

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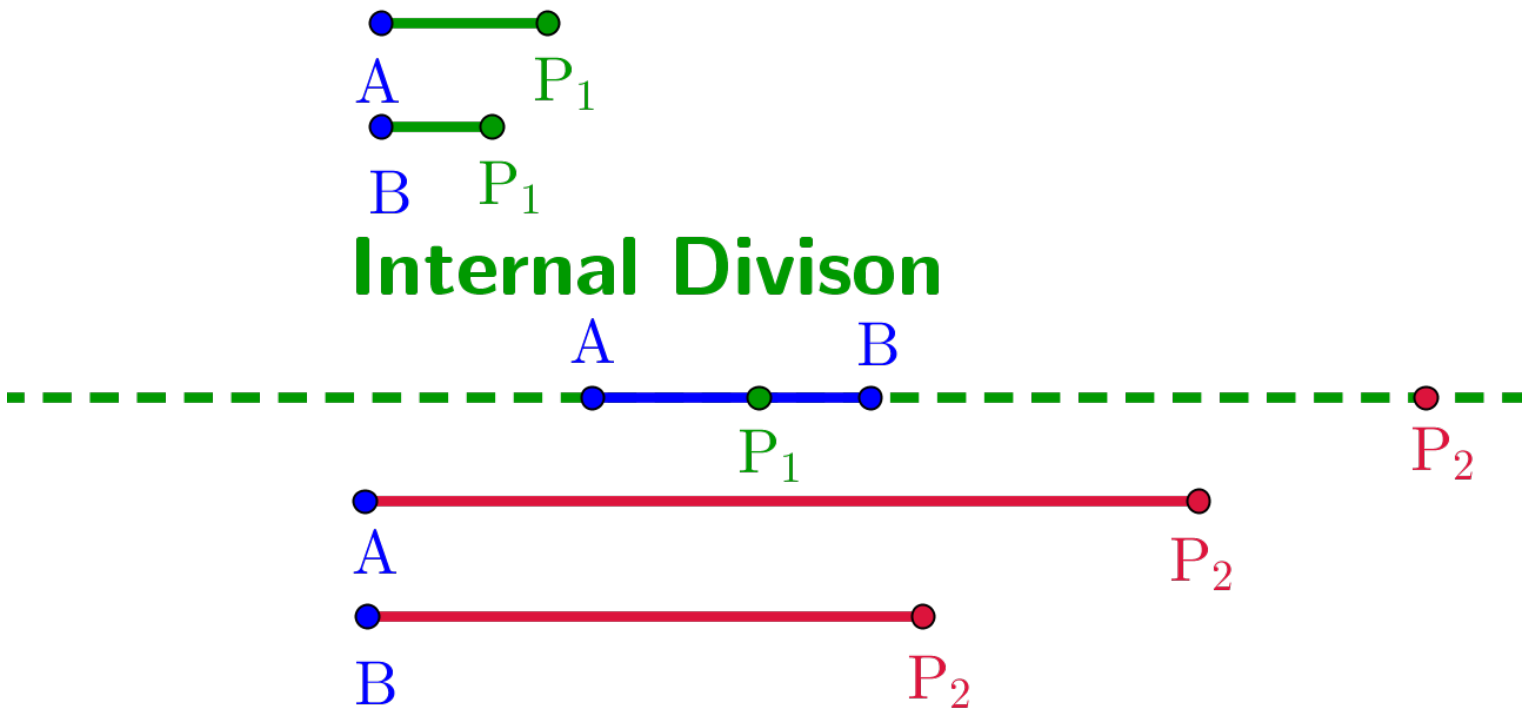

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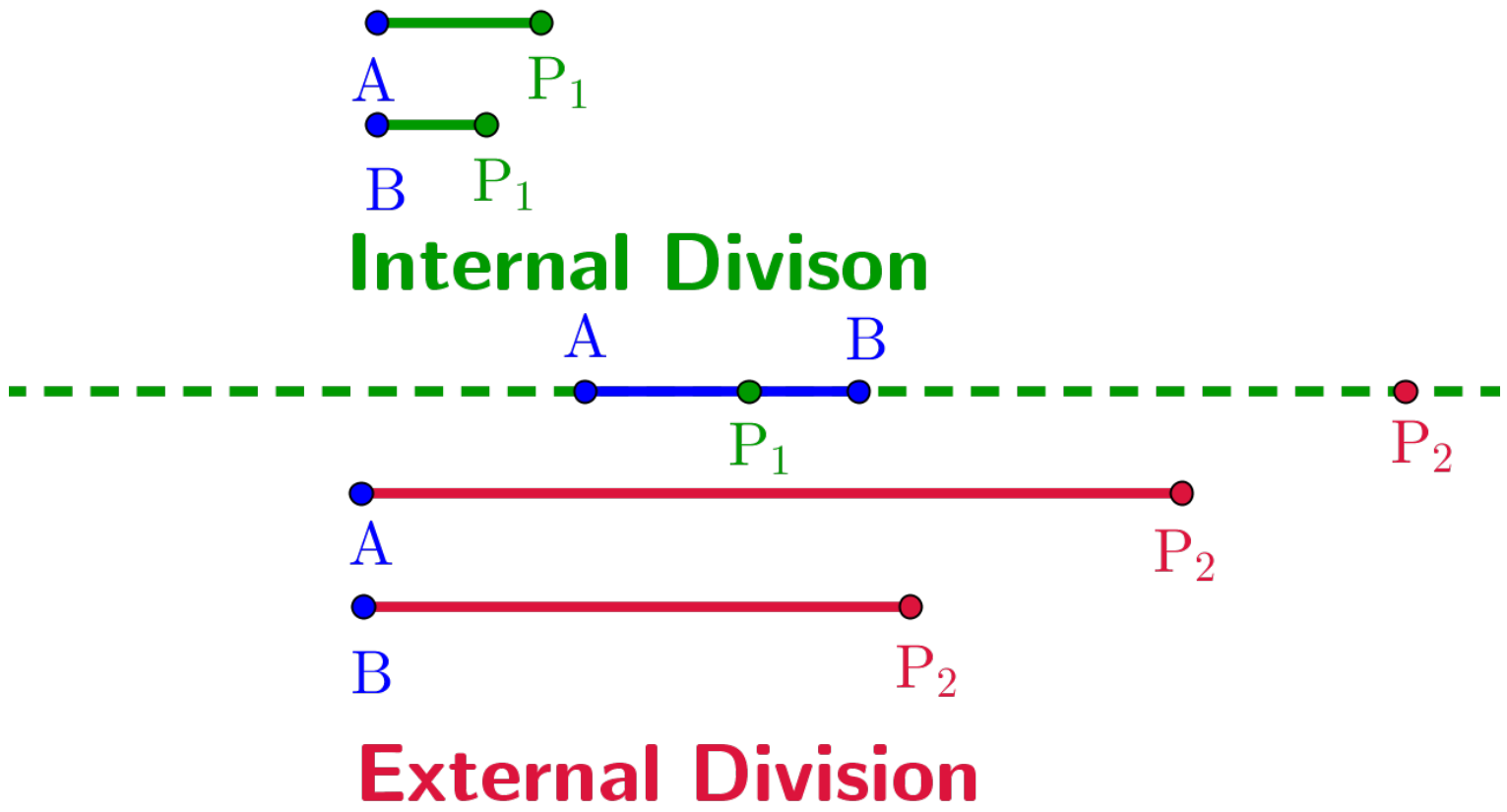
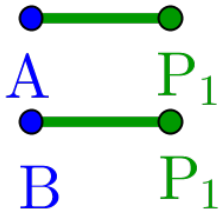


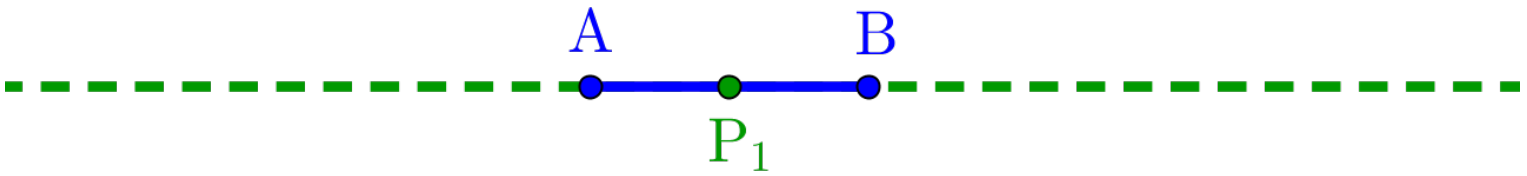
The internal division and the external divison of a line segment

Start

$$\overline{AP} : \overline{BP} = 1 : 1$$



Internal Divison

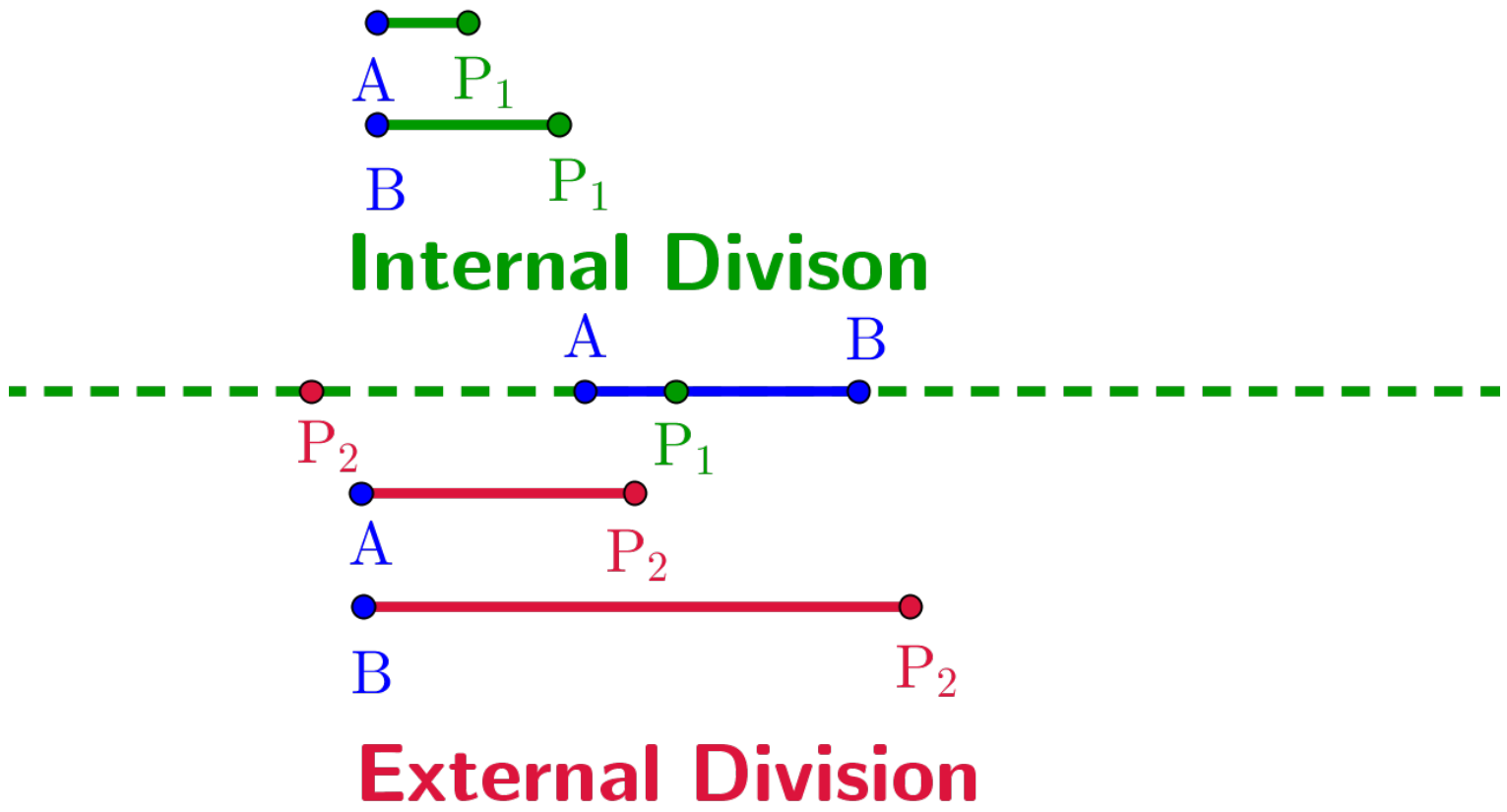


External Division

The internal division and the external divison of a line segment

Start

$\overline{AP} : \overline{BP} = 1 : 2$



The internal division and the external divison of a line segment

Start

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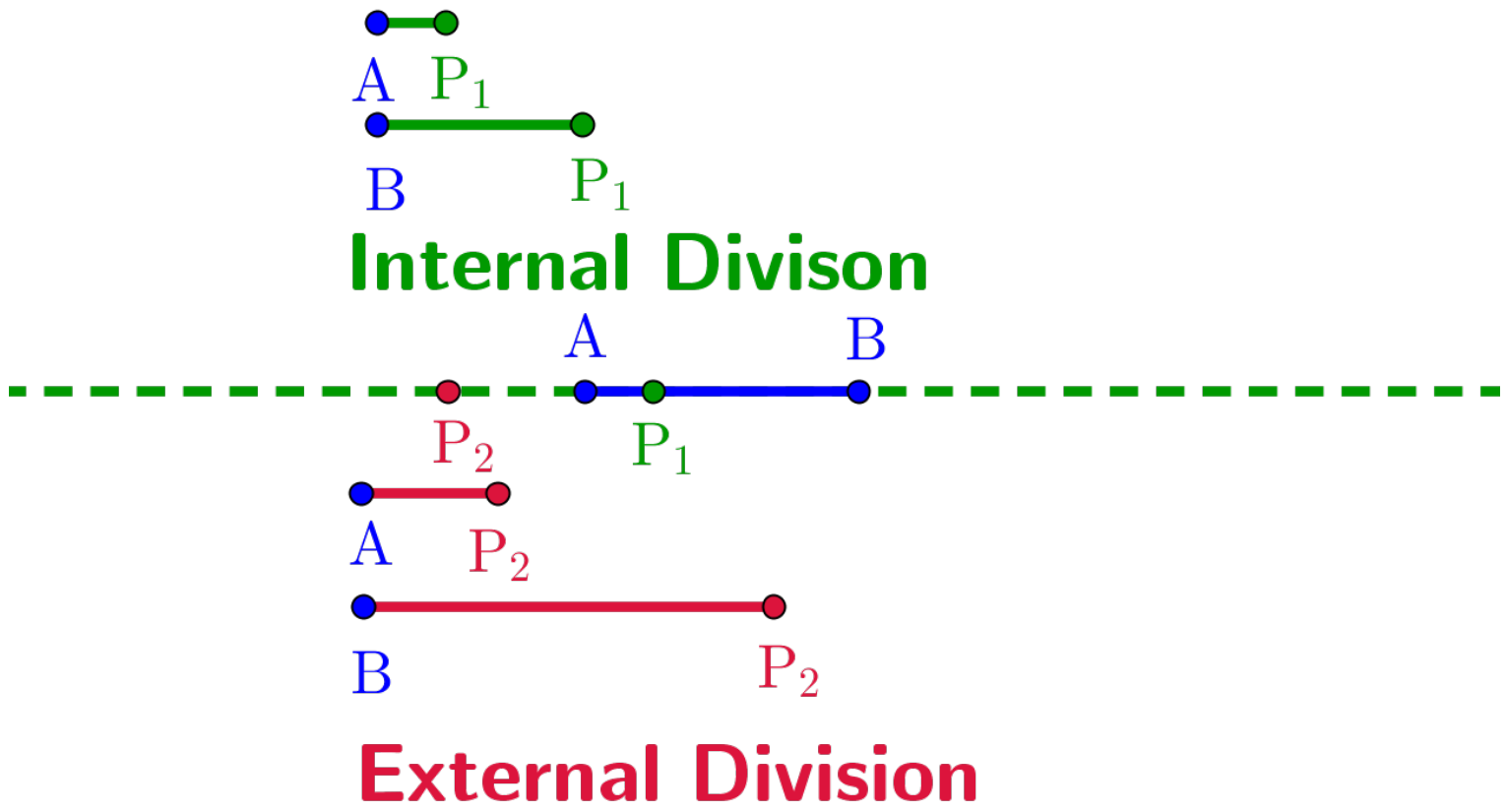

The internal division and the external divison of a line segment

Start

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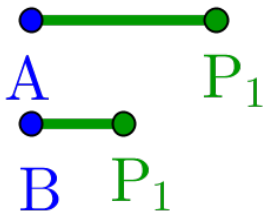
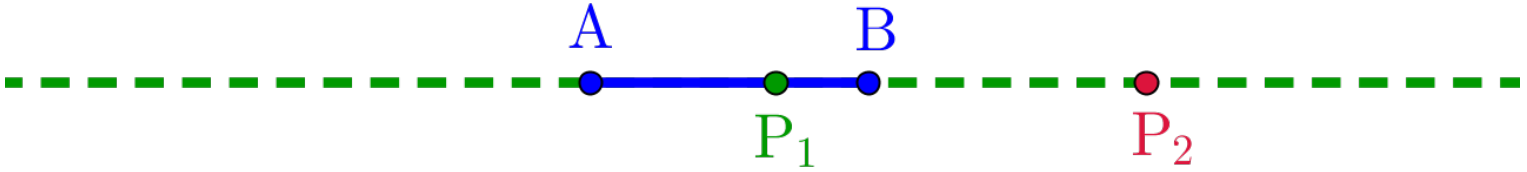
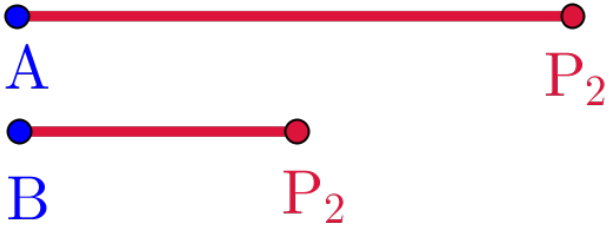


Internal Divison





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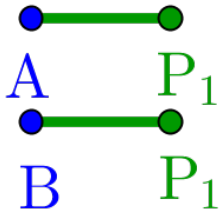
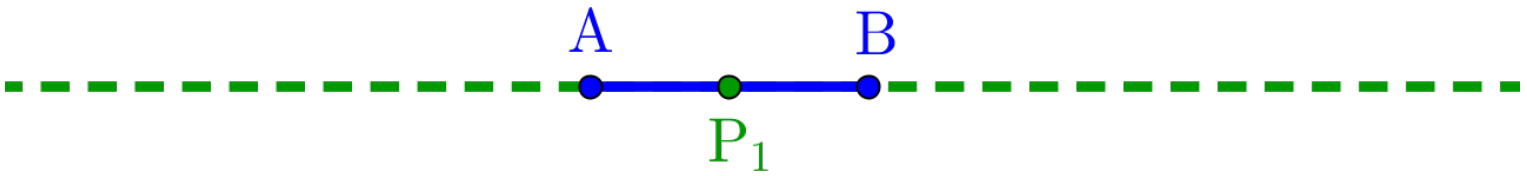


Internal Divison



External Division

The internal division and the external divison of a line segment

Start

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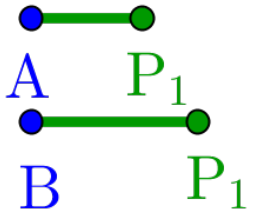
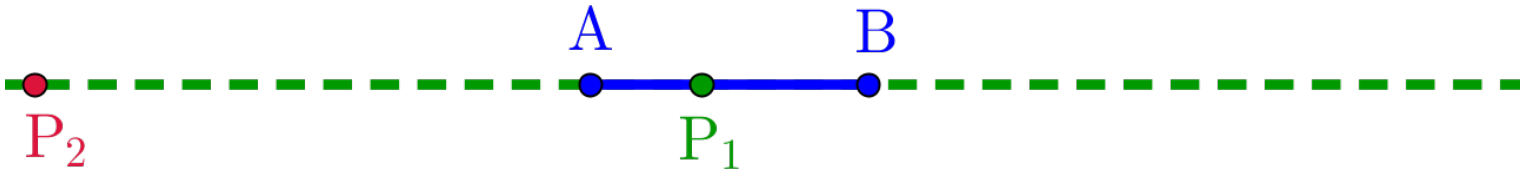


Internal Divison

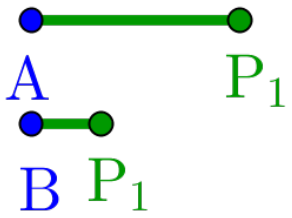


External Division

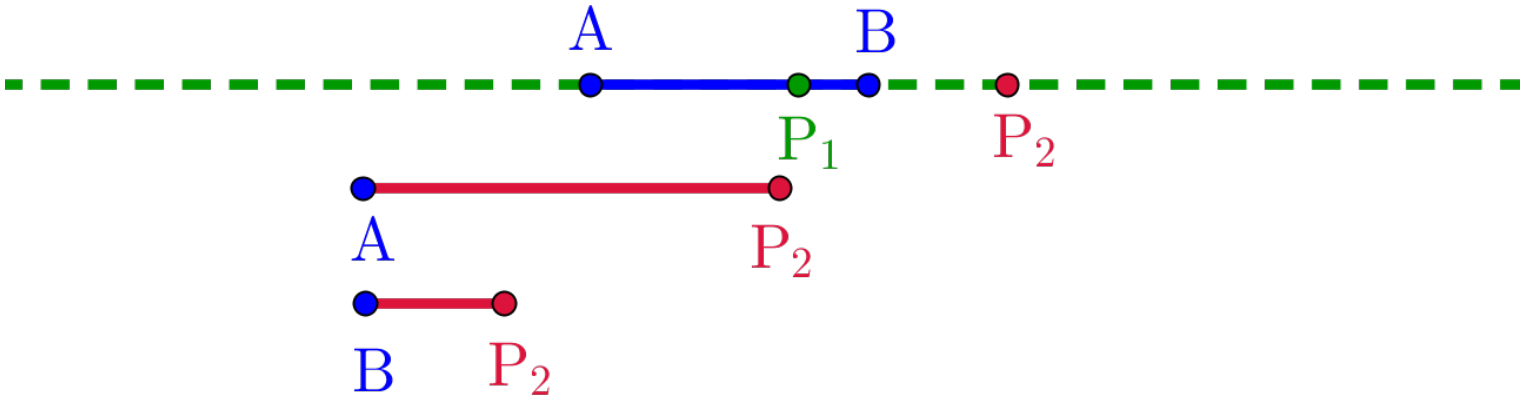
The internal division and the external divison of a line segment

Start

$\overline{AP} : \overline{BP} = 3 : 1$



Internal Divison



External Division

The internal division and the external divison of a line segment

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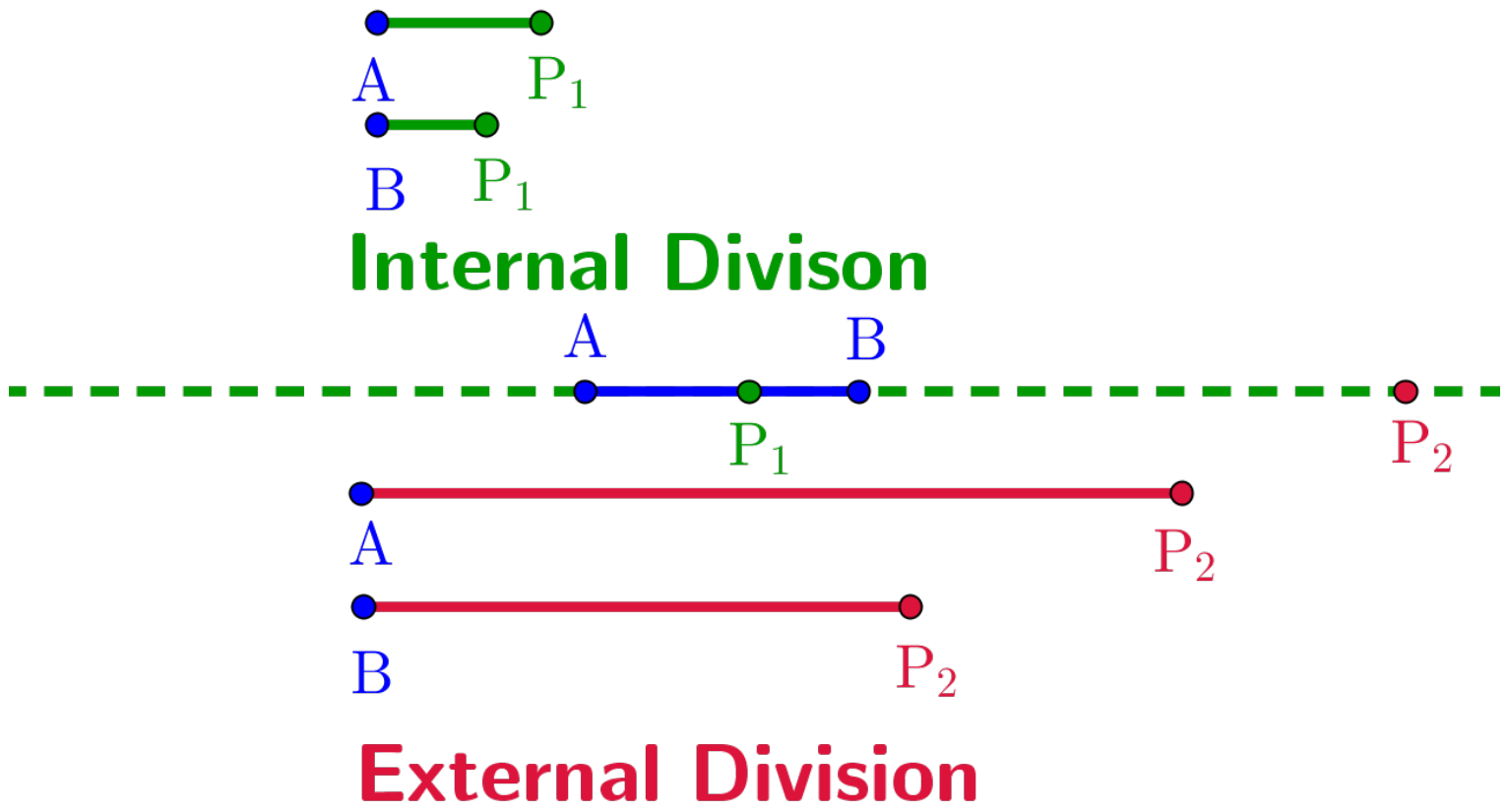

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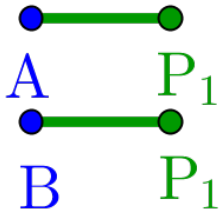
$$\overline{AP} : \overline{BP} = 3 : 3$$



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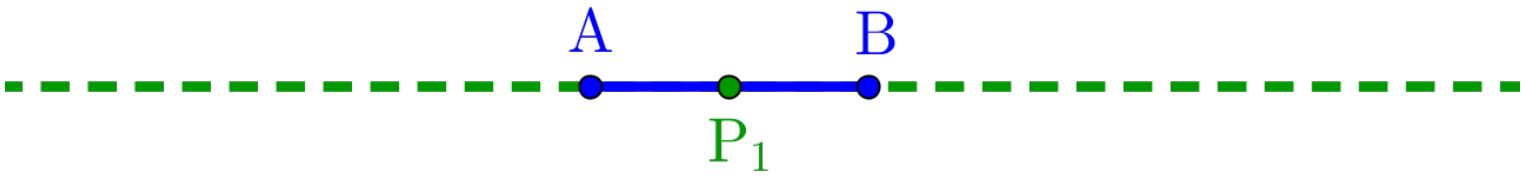

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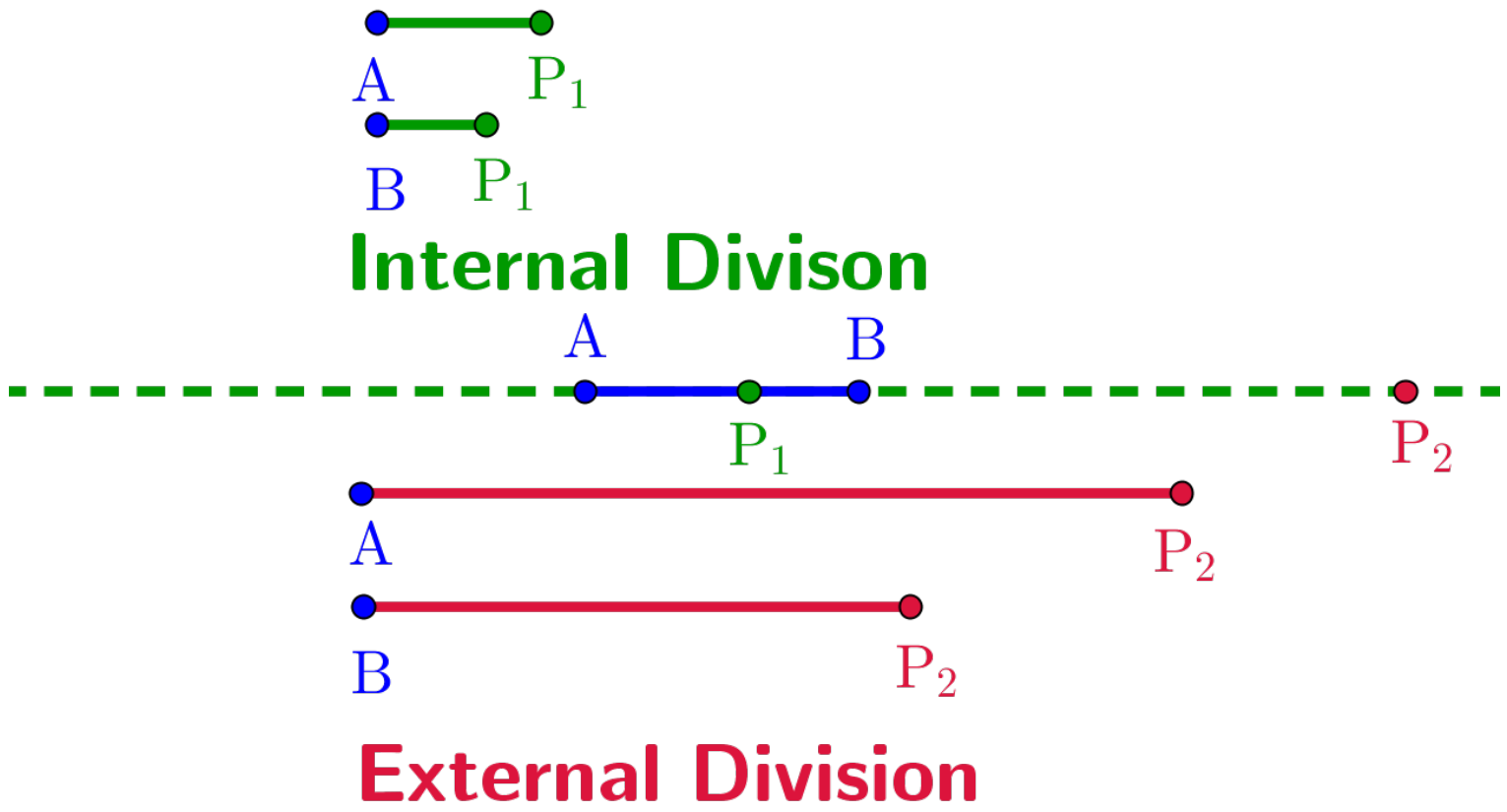

The internal division and the external divison of a line segment

Home

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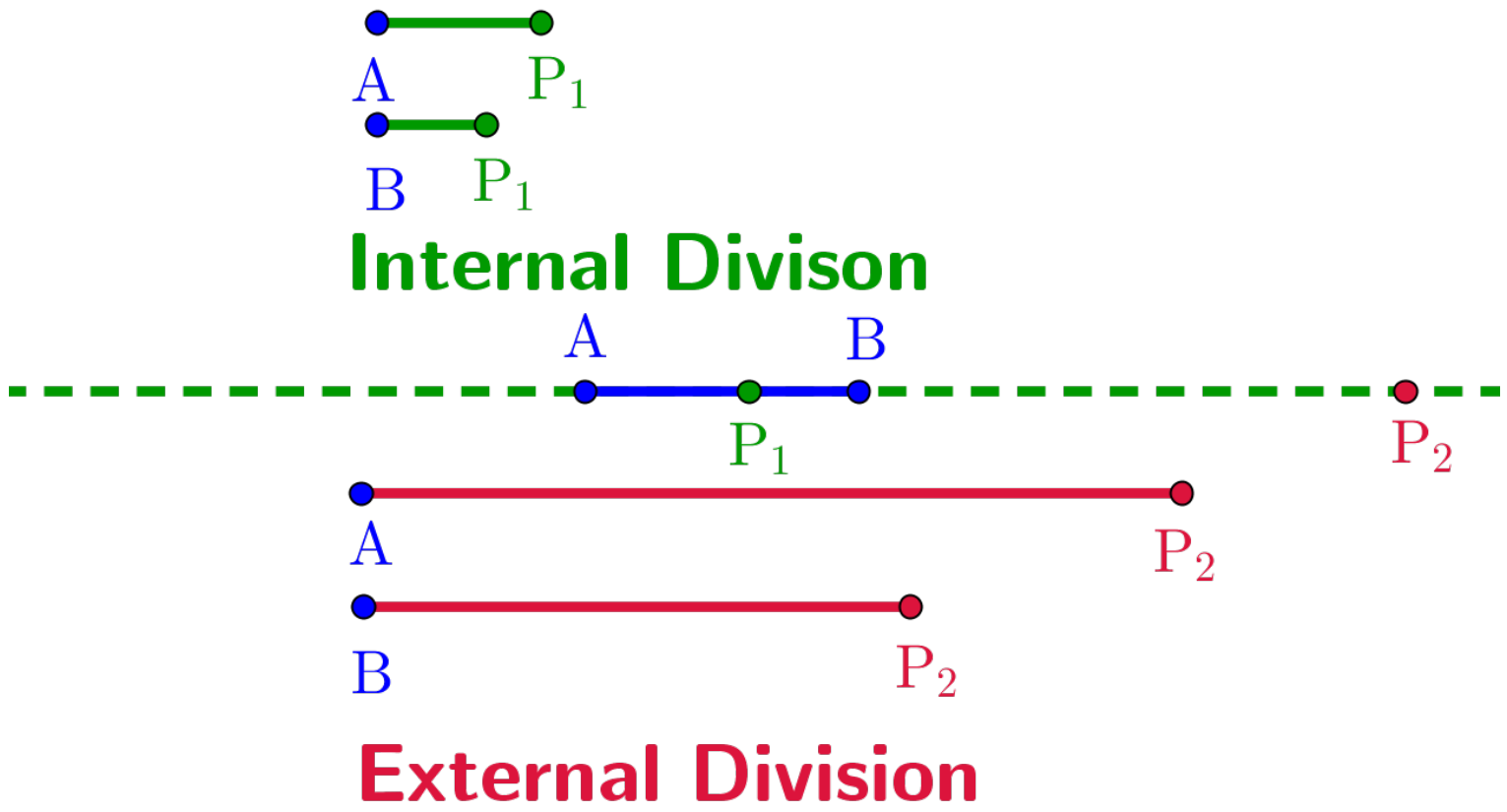

The internal division and the external divison of a line segment

Theorem

수직선 위의

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여 $\overline{\mathrm{AB}}$를

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여 $\overline{\mathrm{AB}}$를 $m : n$ 으로

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여 $\overline{\mathrm{AB}}$를 $m : n$ 으로

(1) 내분하는 점

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여 $\overline{\mathrm{AB}}$를 $m : n$ 으로

(1) 내분하는 점 $\mathrm{P}_1 \left(\dfrac{mx_2 + nx_1}{m+n} \right)$

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여 $\overline{\mathrm{AB}}$를 $m : n$ 으로

(1) 내분하는 점 $\mathrm{P}_1 \left(\dfrac{mx_2 + nx_1}{m+n} \right)$

(2) 외분하는 점

Theorem

수직선 위의 두 점 $\mathrm{A}(x_1), \mathrm{B}(x_2)$에 대하여 $\overline{\mathrm{AB}}$를 $m : n$ 으로

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좌표평면 위의

Theorem

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좌표평면 위의 두 점 $\mathrm{A}(x_1, y_1), \mathrm{B}(x_2, y_2)$에 대하여

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