3-D SHAPES word wall

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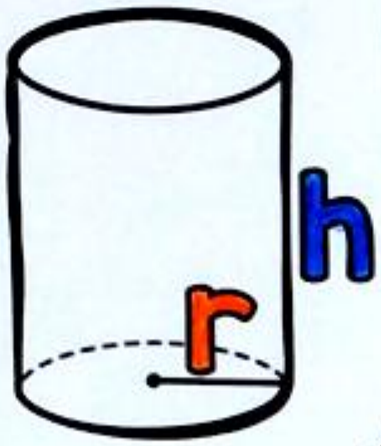
right circular cylinder

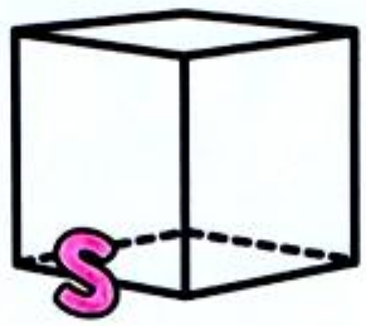


$LA=2\pi rh$

$SA=2\pi r^2+2\pi rh$

$V=\pi r^2 h$

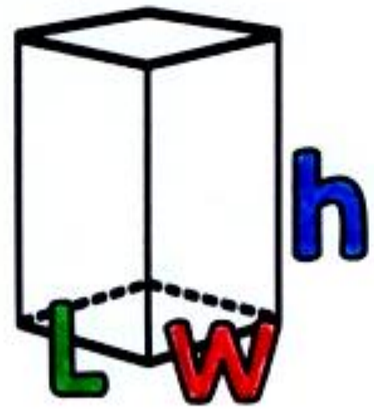
cube



$SA=6s^2$

$V=s^3$

right rectangular prism

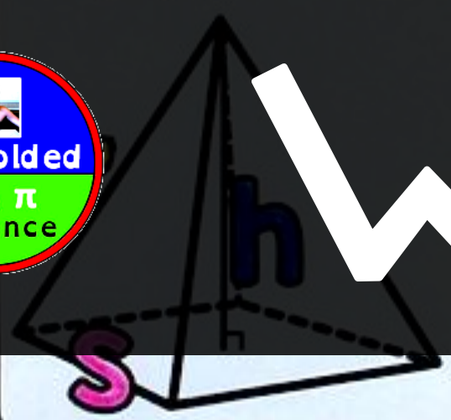


$LA=2hw+2lh$

$SA=2lw+2lh+2wh$

$V=lwh$

right square pyramid



$LA=2s\ell$

$SA=s^2+2s\ell$

$V=\frac{s^2h}{3}$

right circular cone

$LA=\pi r\ell$

$SA=\pi r^2+\pi r\ell$

$V=\frac{\pi r^2 h}{3}$

sphere

$SA=4\pi r^2$

$V=\frac{4\pi r^3}{3}$

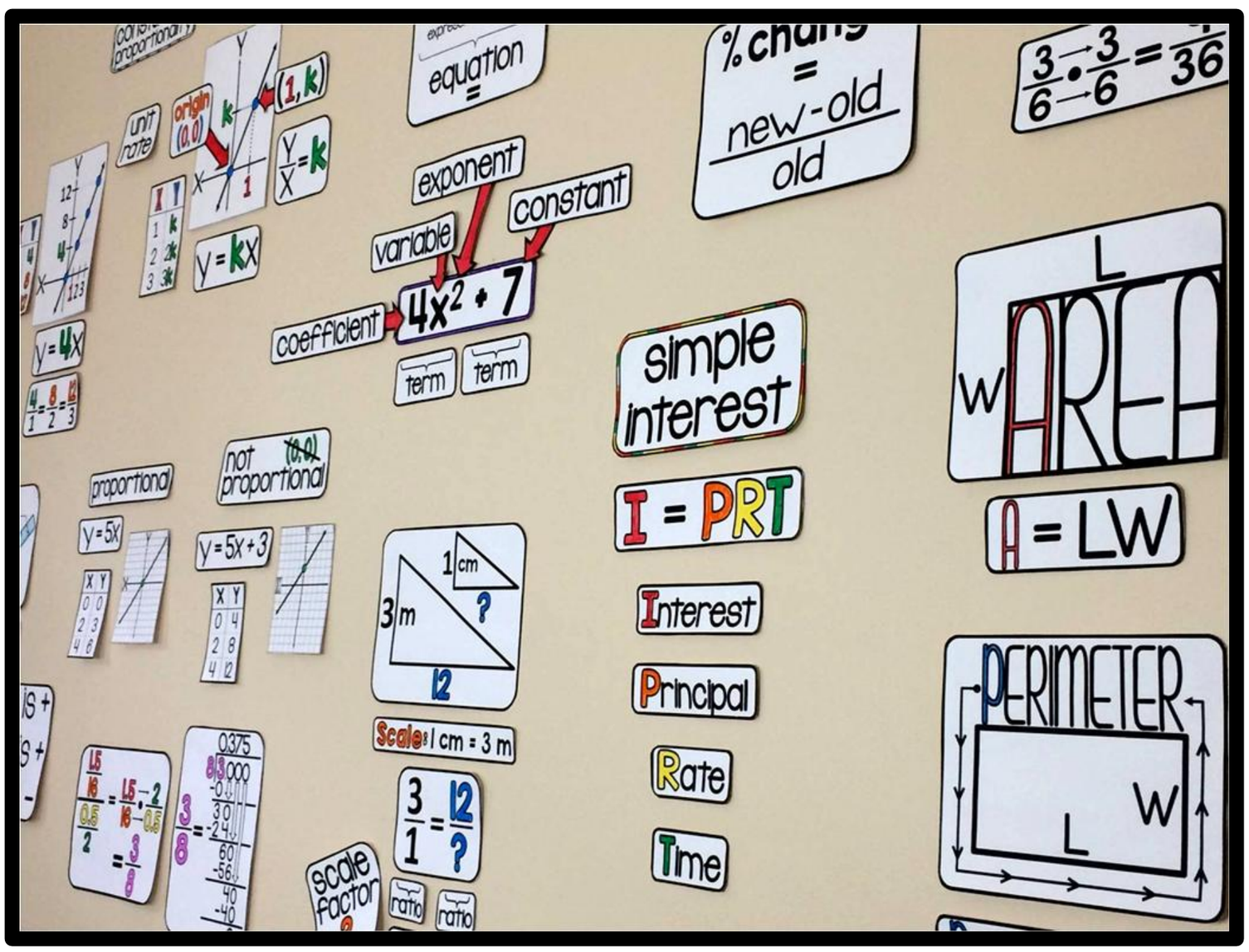
Thank you for downloading this word wall reference for geometric solids.

You can read about how much math word walls have changed my teaching in the post:

5 Ways Math Word walls Have Changed My Teaching

And here is a link to other math word walls in my TpT store:

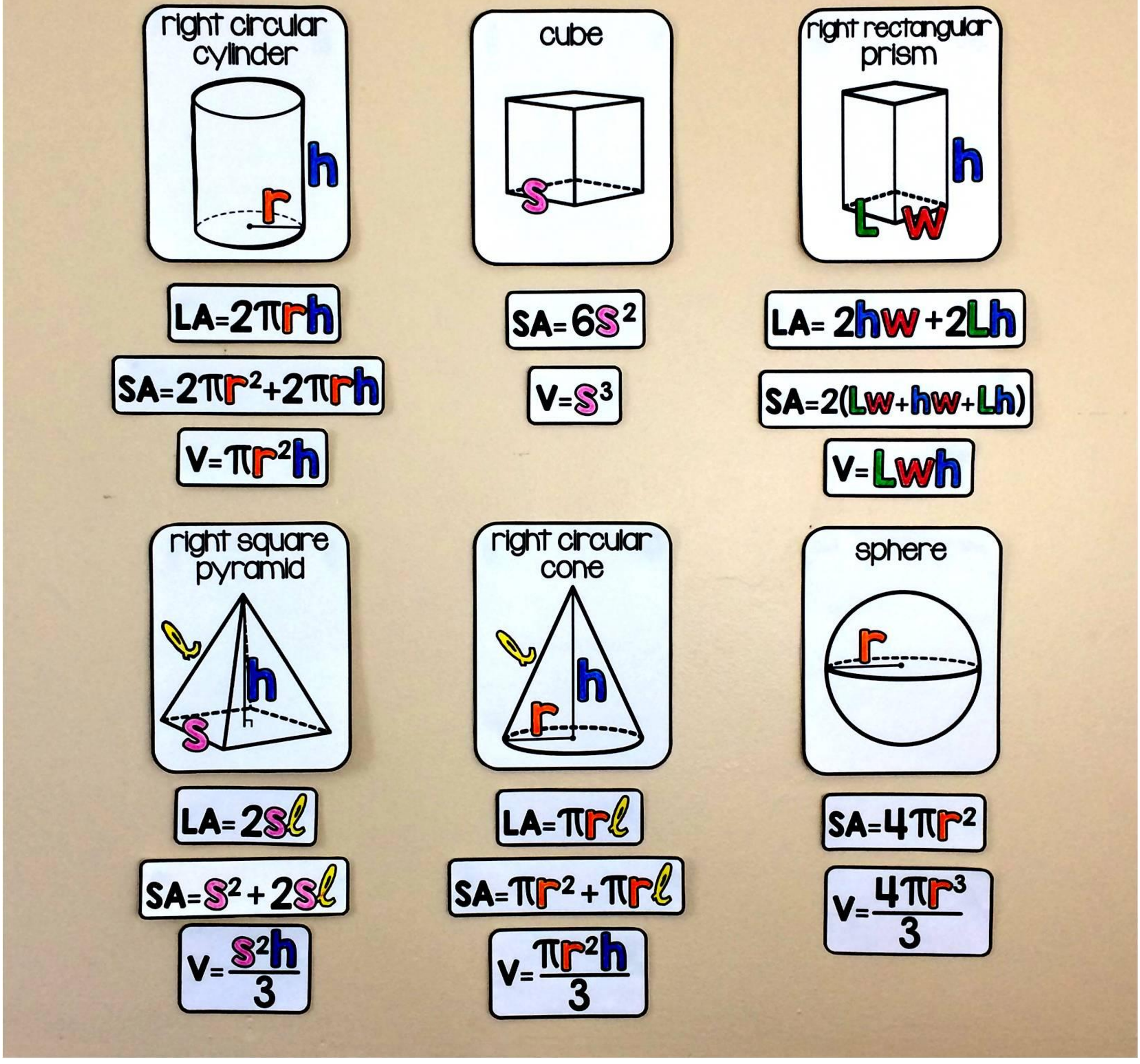
MATH WORD WALLS



Texas Teachers!

If you are from Texas, I added formulas for your standards at the end (they will have **TEXAS** in the bottom corners)

(suggested arrangement)



LA

lateral surface area

SA

total surface area

V

volume

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L

length

slant height

h

height

w

width

s

side

r

radius

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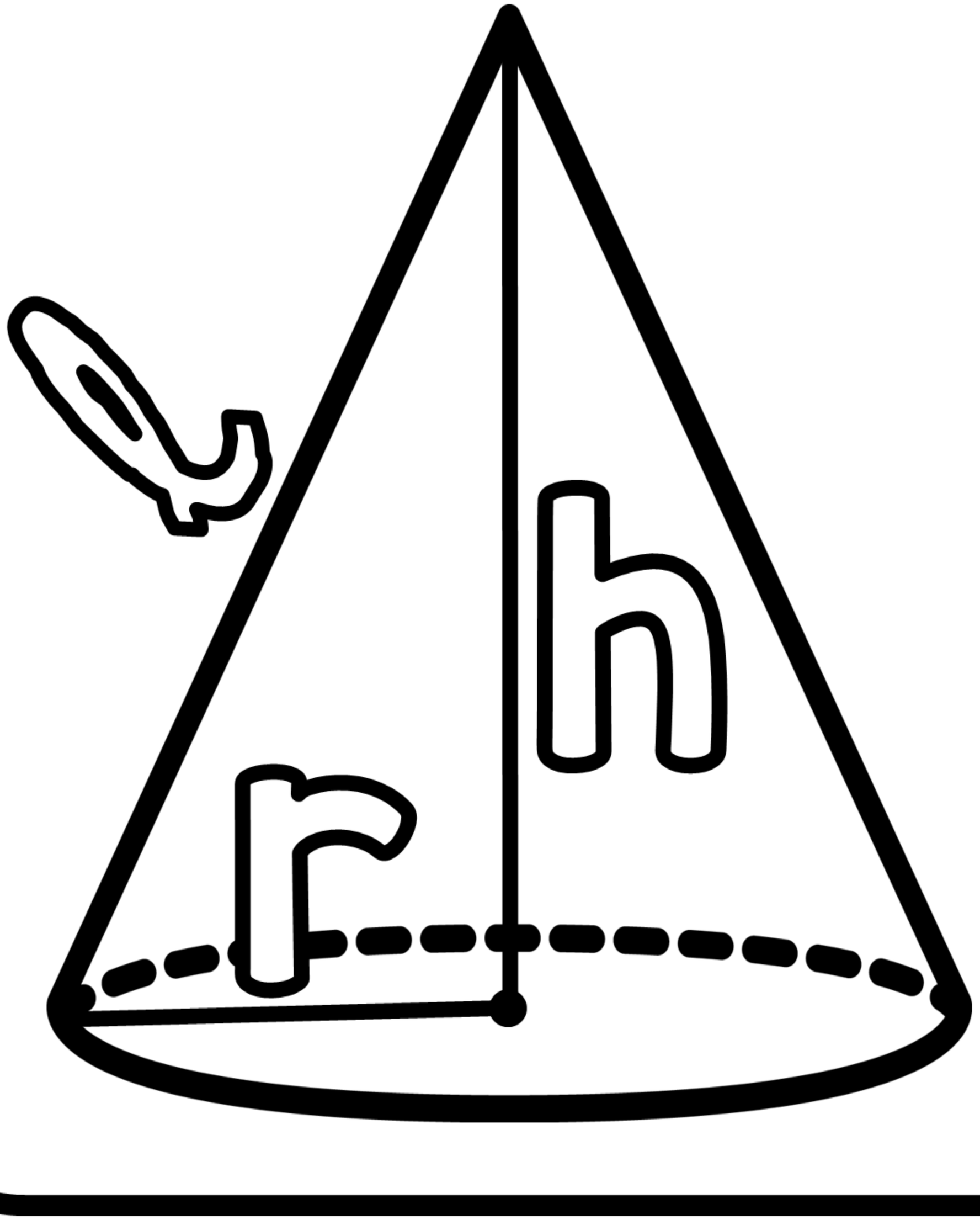
right circular cone



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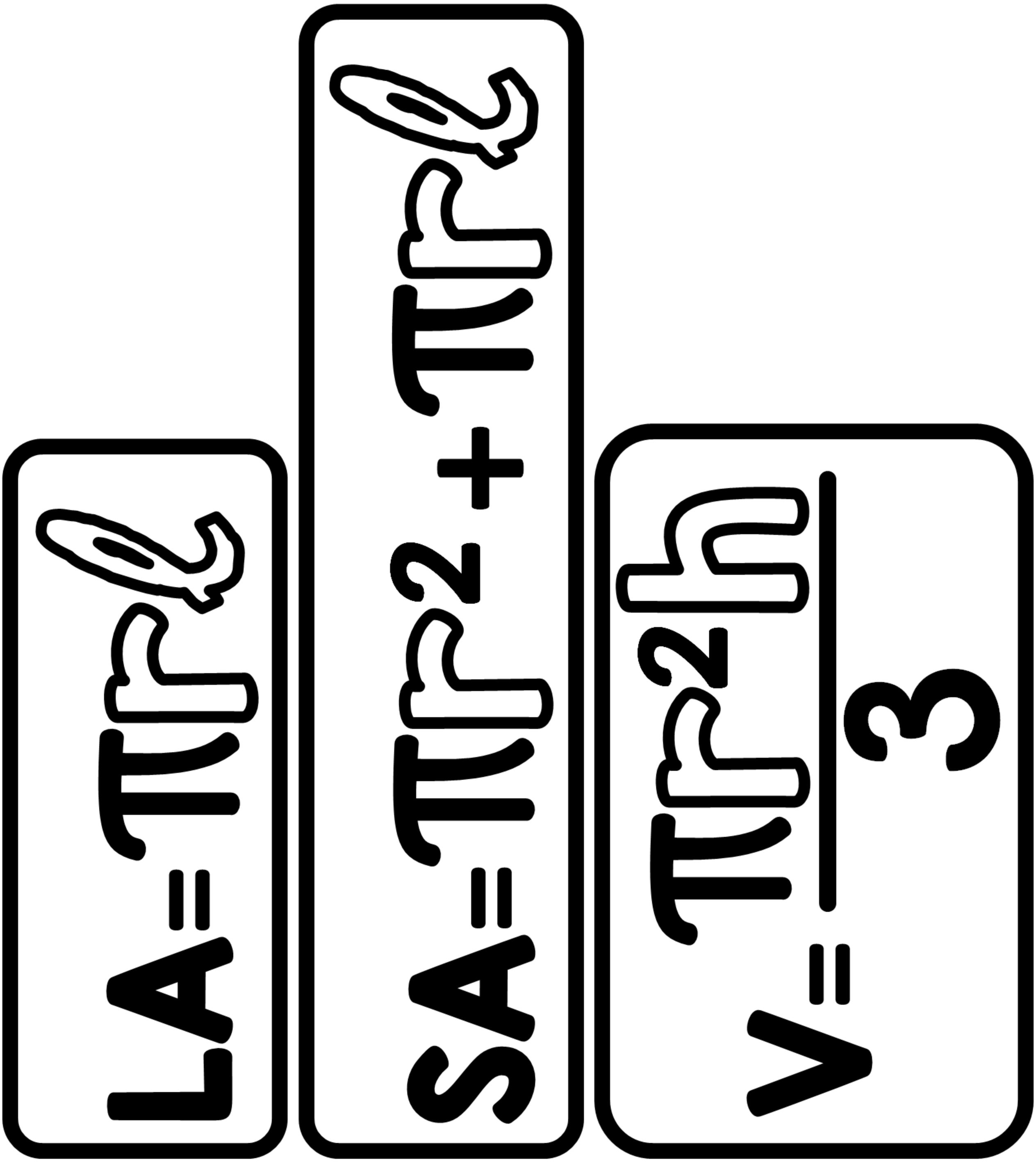
right circular cone



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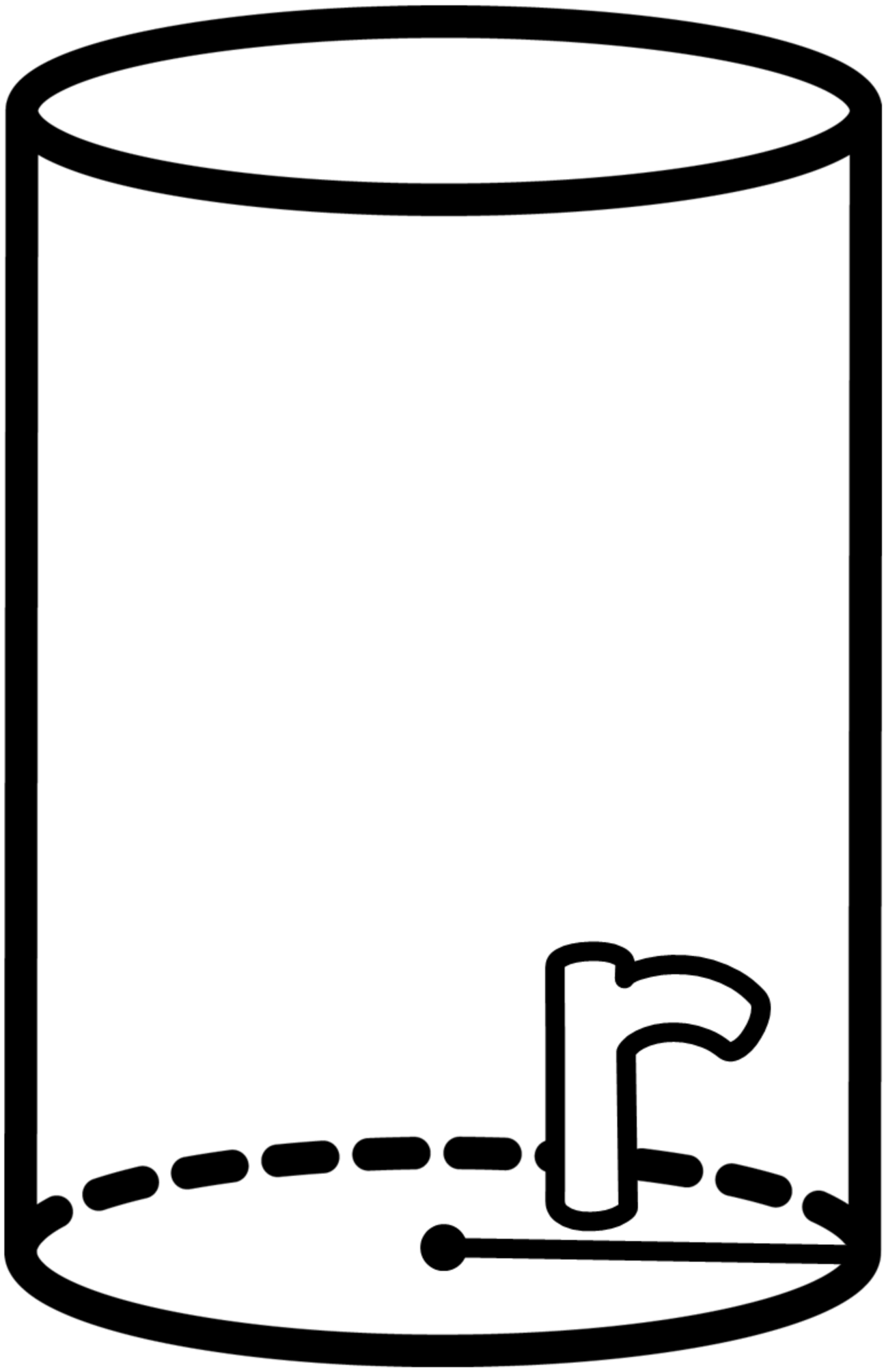
right circular cylinder



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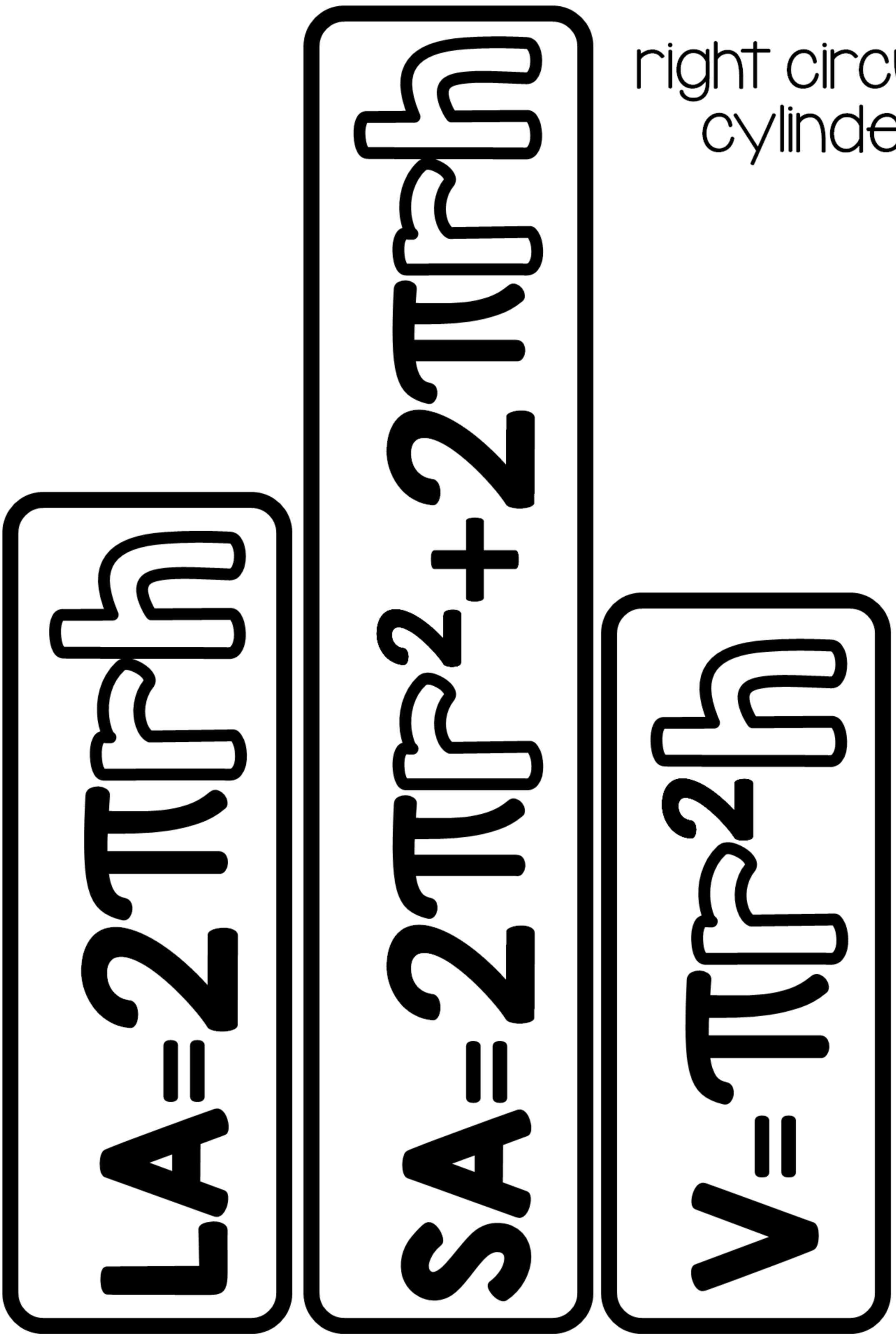
right circular cylinder



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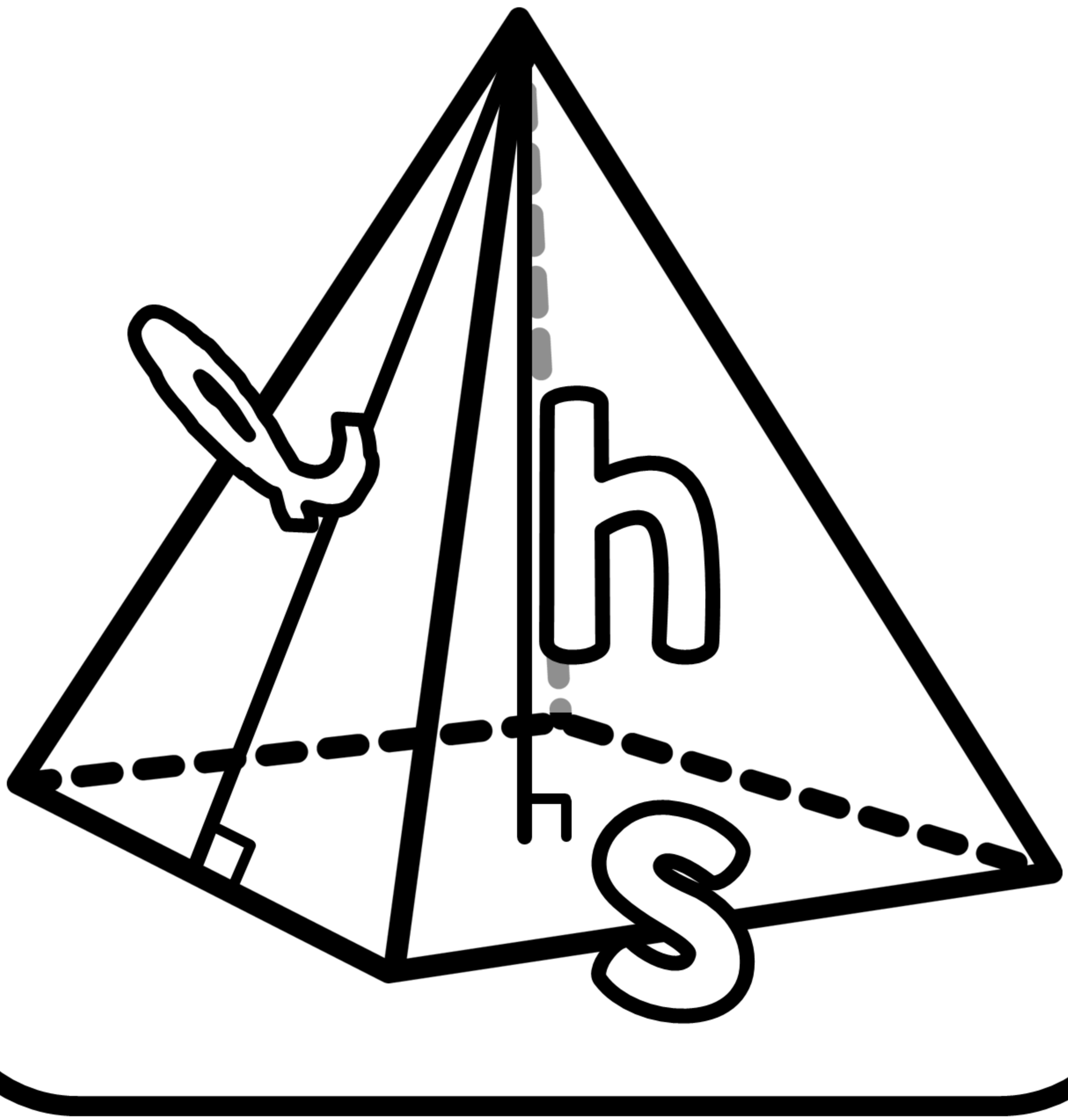
right square pyramid



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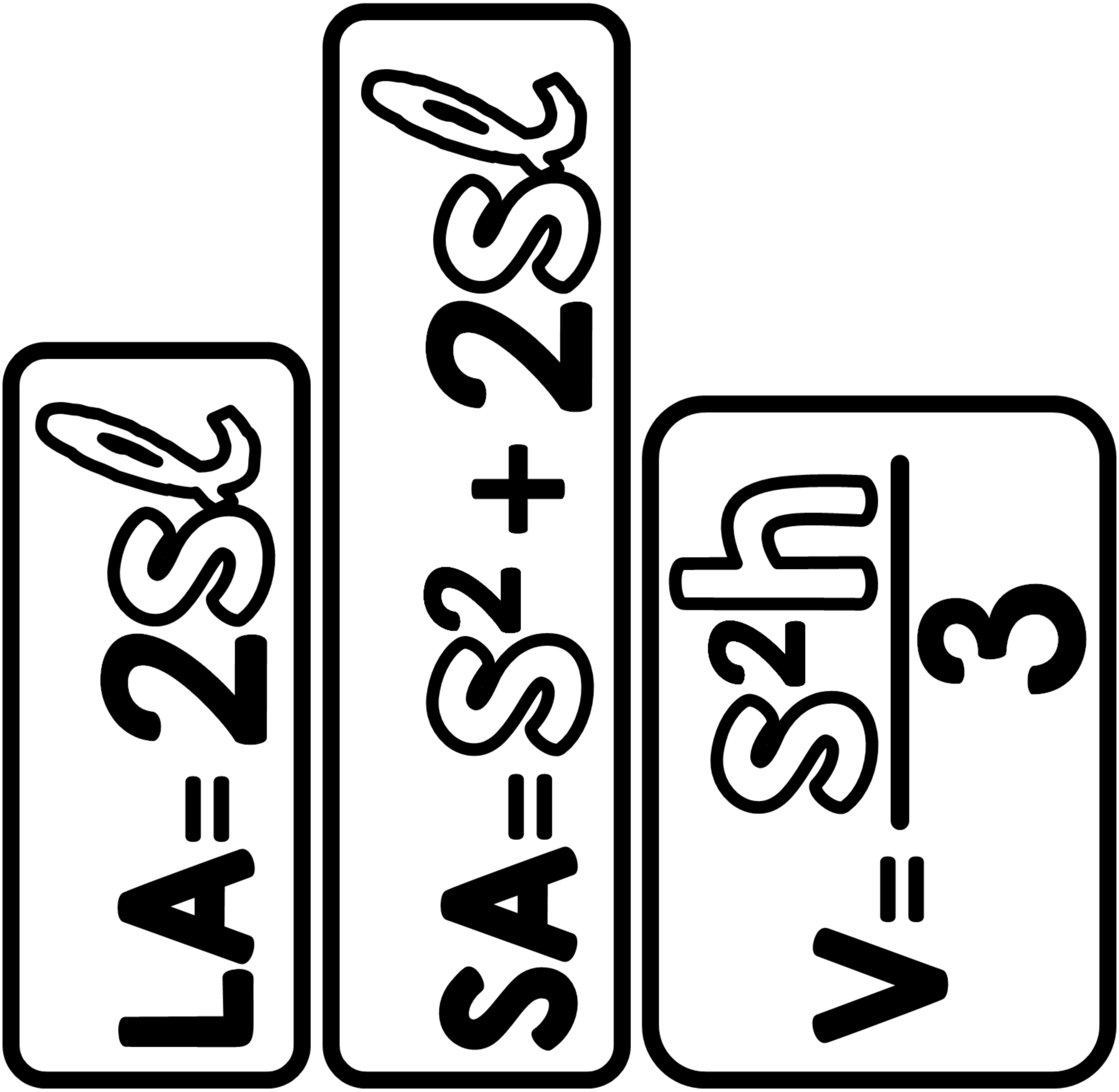
right square pyramid



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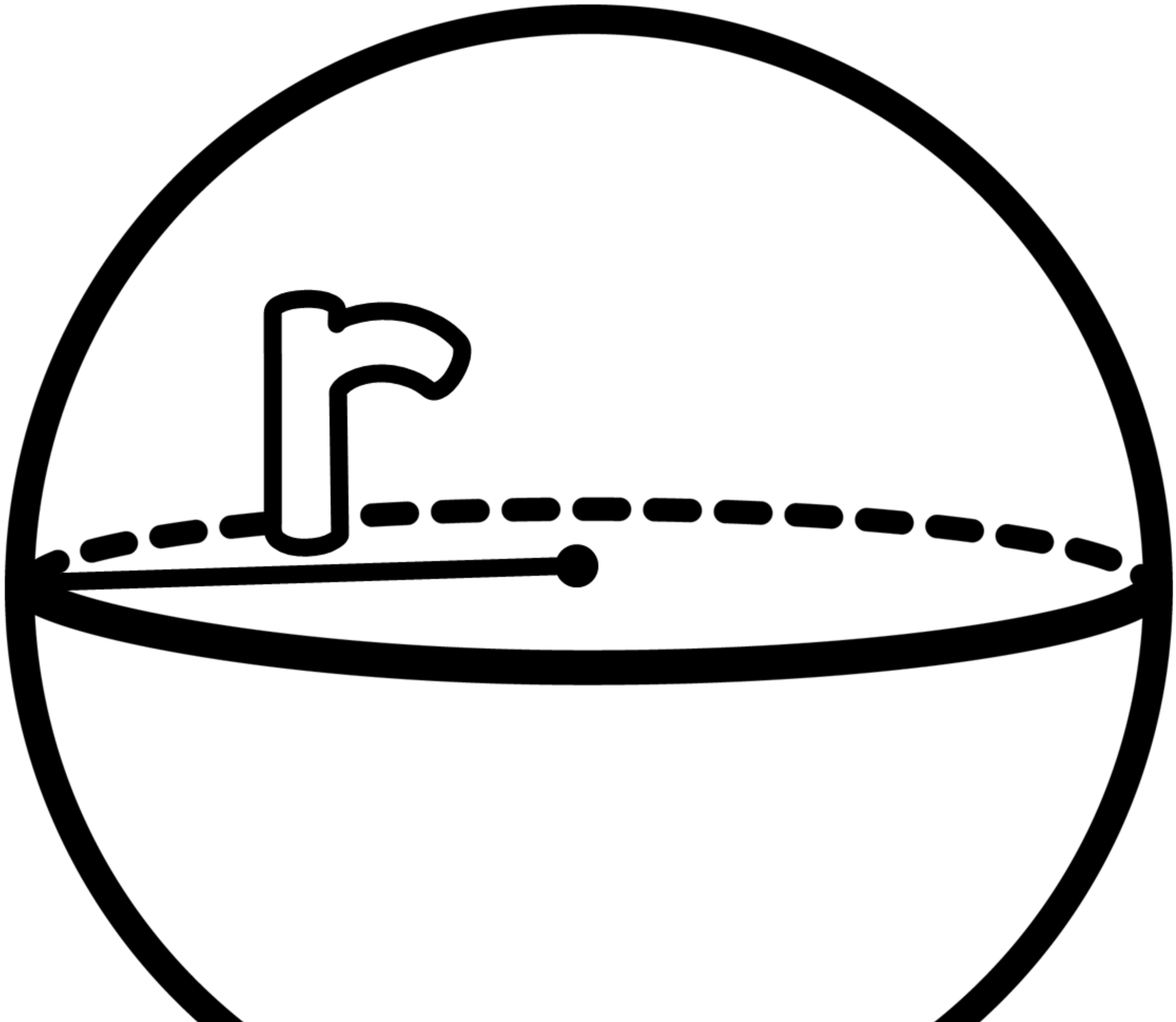
sphere



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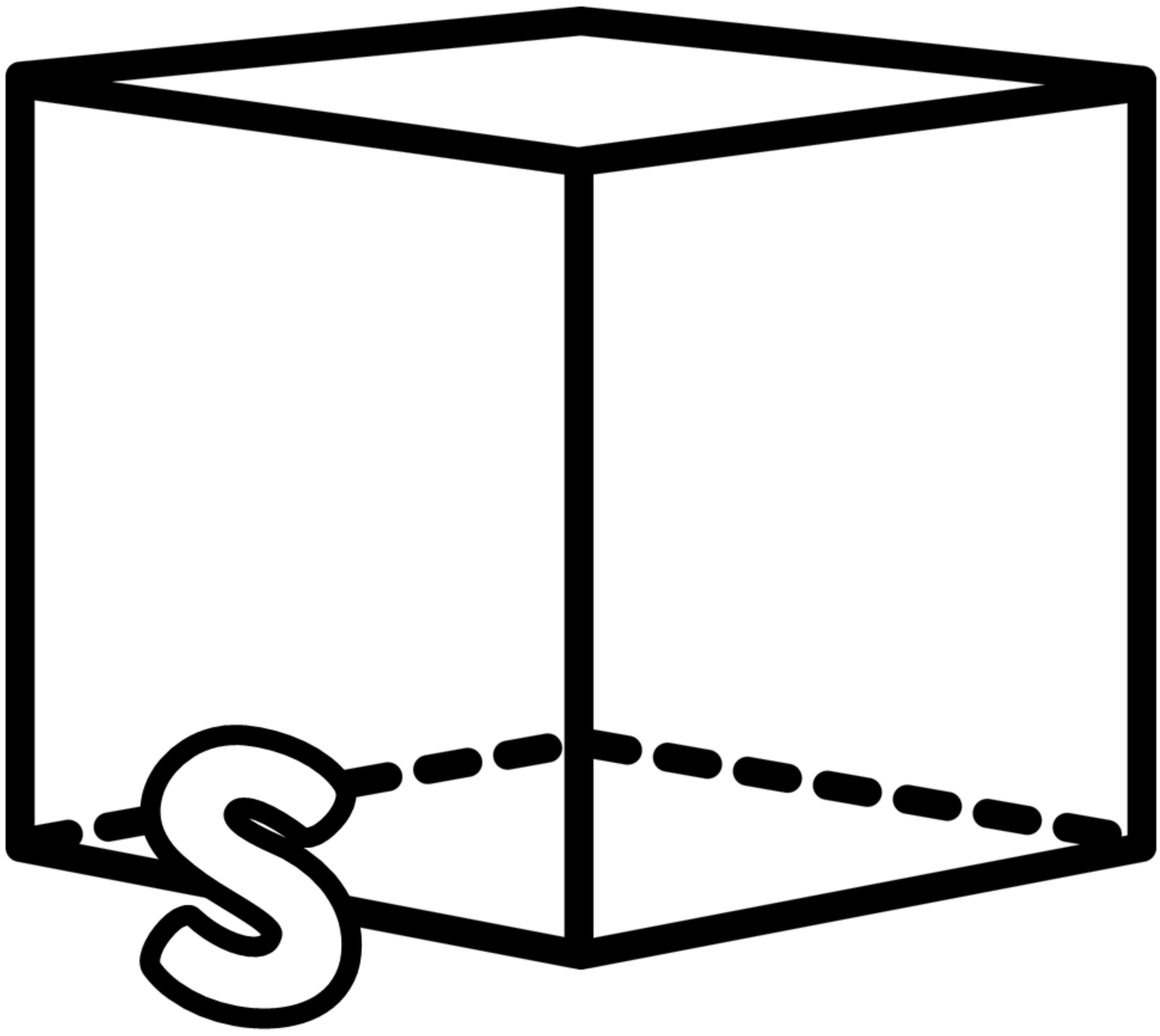
cube



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$$SA = 4\pi r^2$$

$$V = \frac{4\pi r^3}{3}$$

sphere

$$SA = 6s^2$$

$$V = s^3$$

cube

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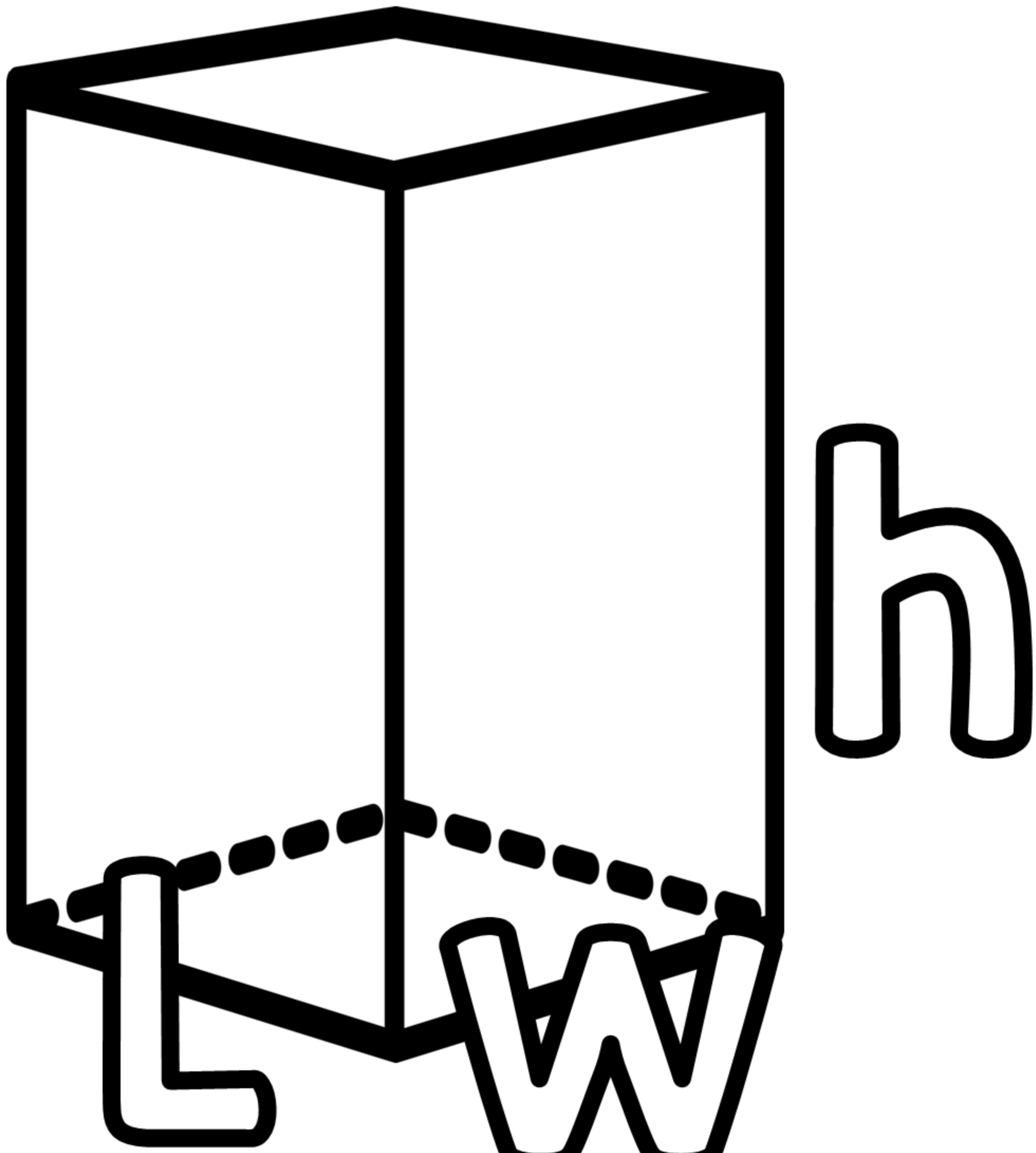
right rectangular prism



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$$LA = 2hw + 2Lh$$

$$SA = 2(Lw + hw + Lh)$$

$$V = Lwh$$

right rectangular prism

TEXAS

references

B

area of BASE

P

perimeter of BASE

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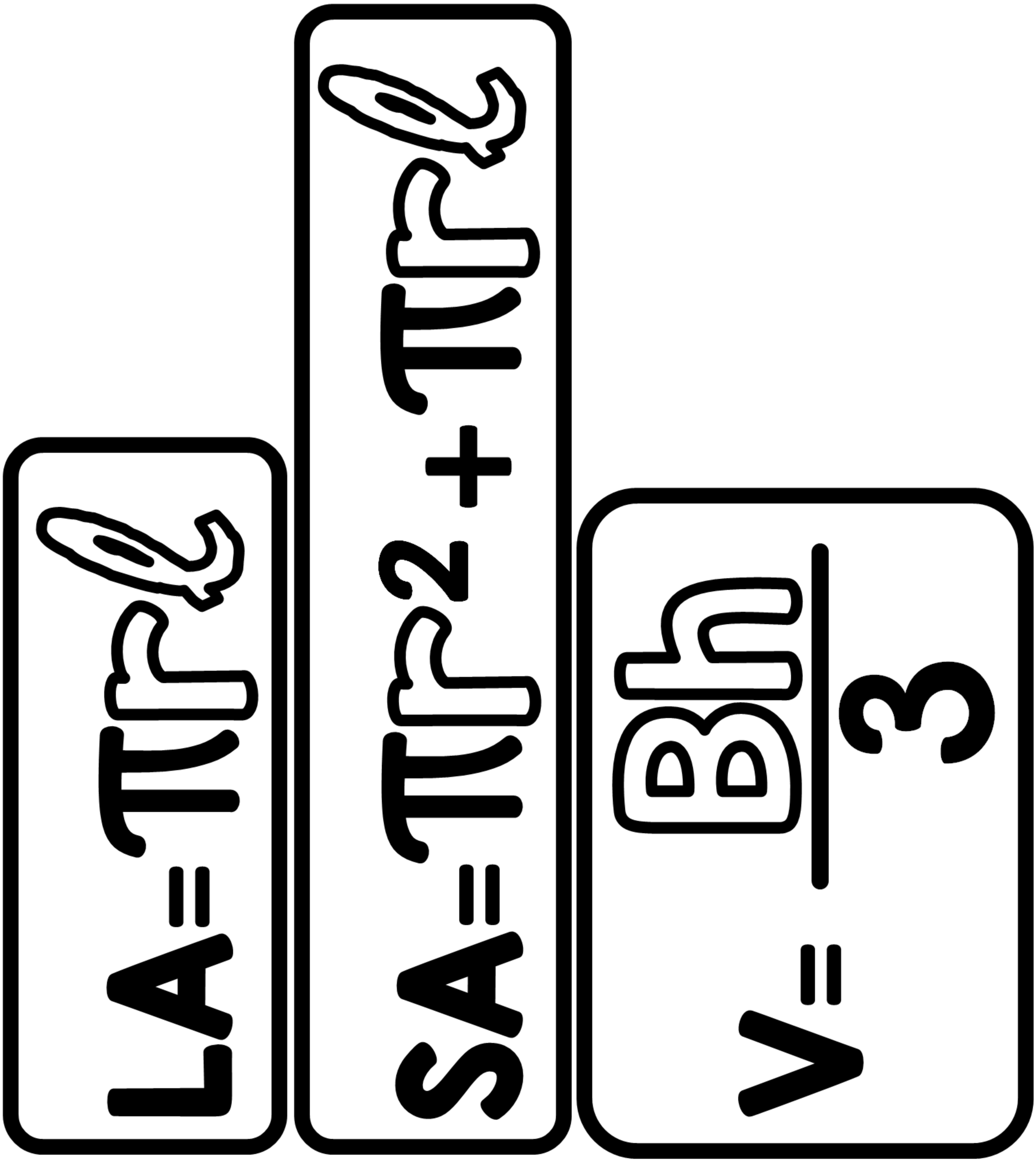
Texas

right circular cone



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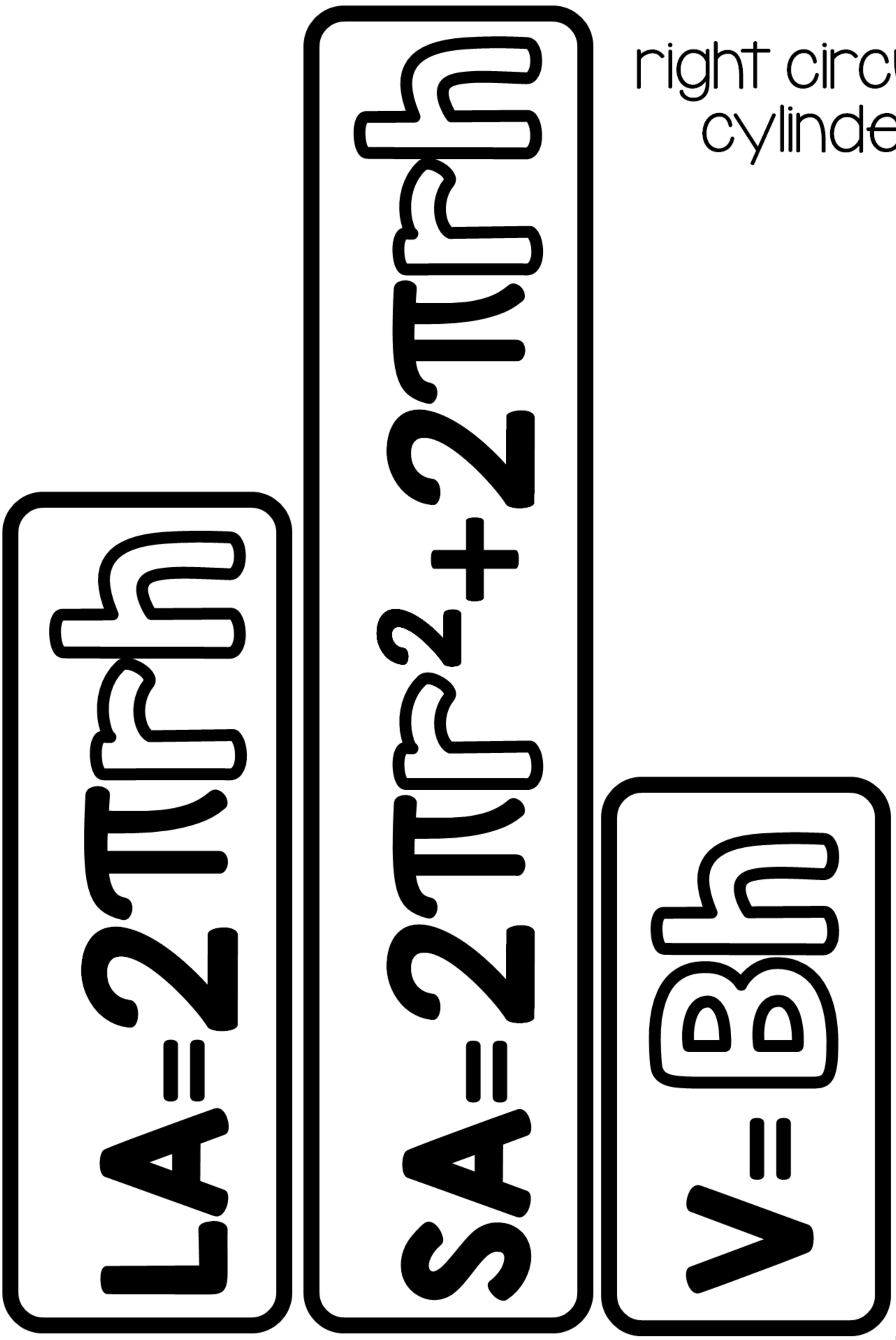
Texas



right circular cylinder

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Texas

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Texas

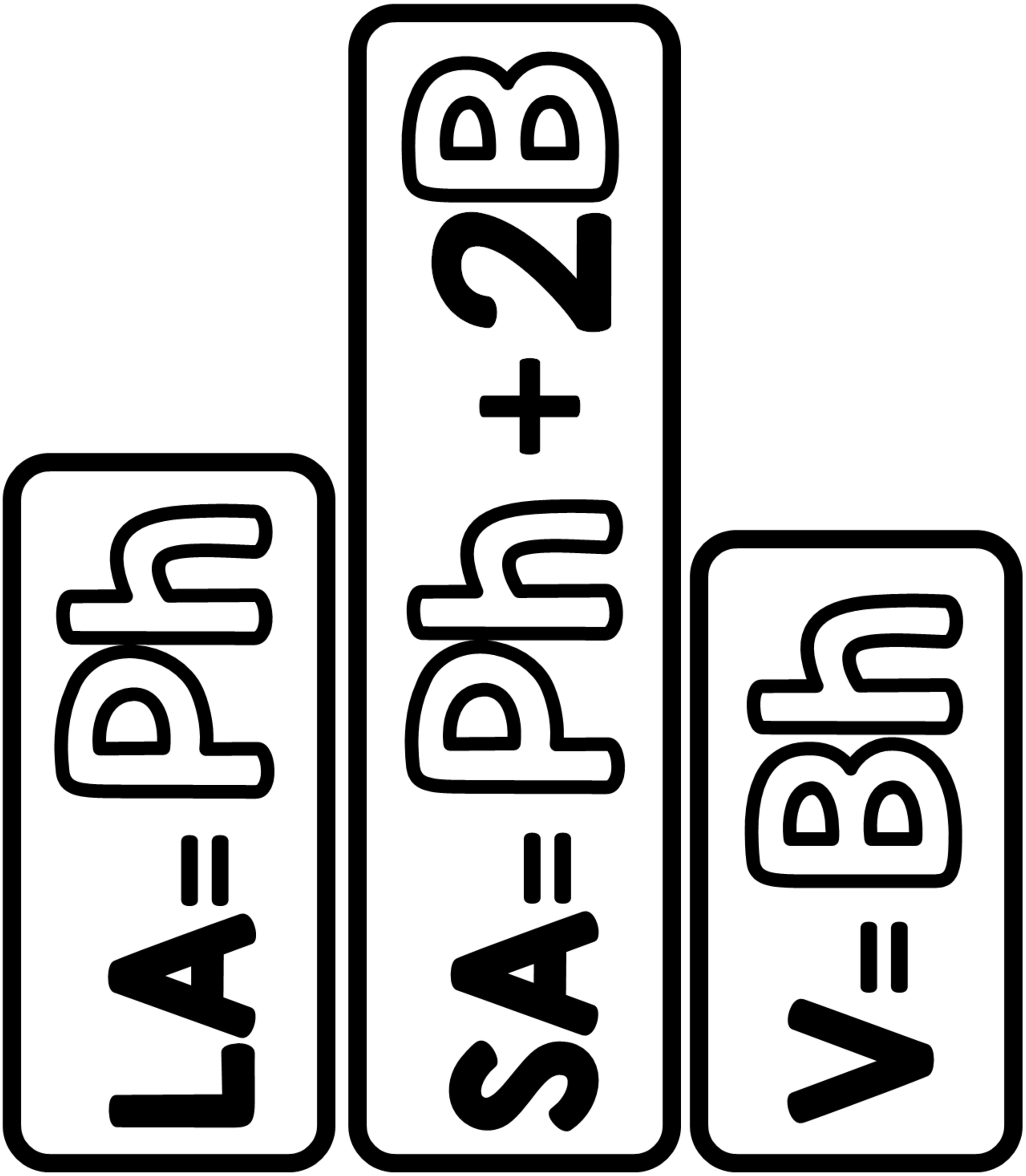
right square pyramid

$$V = \frac{Bh}{3}$$

$$SA = B + \frac{P\ell}{2}$$

$$LA = \frac{P\ell}{2}$$

right rectangular prism



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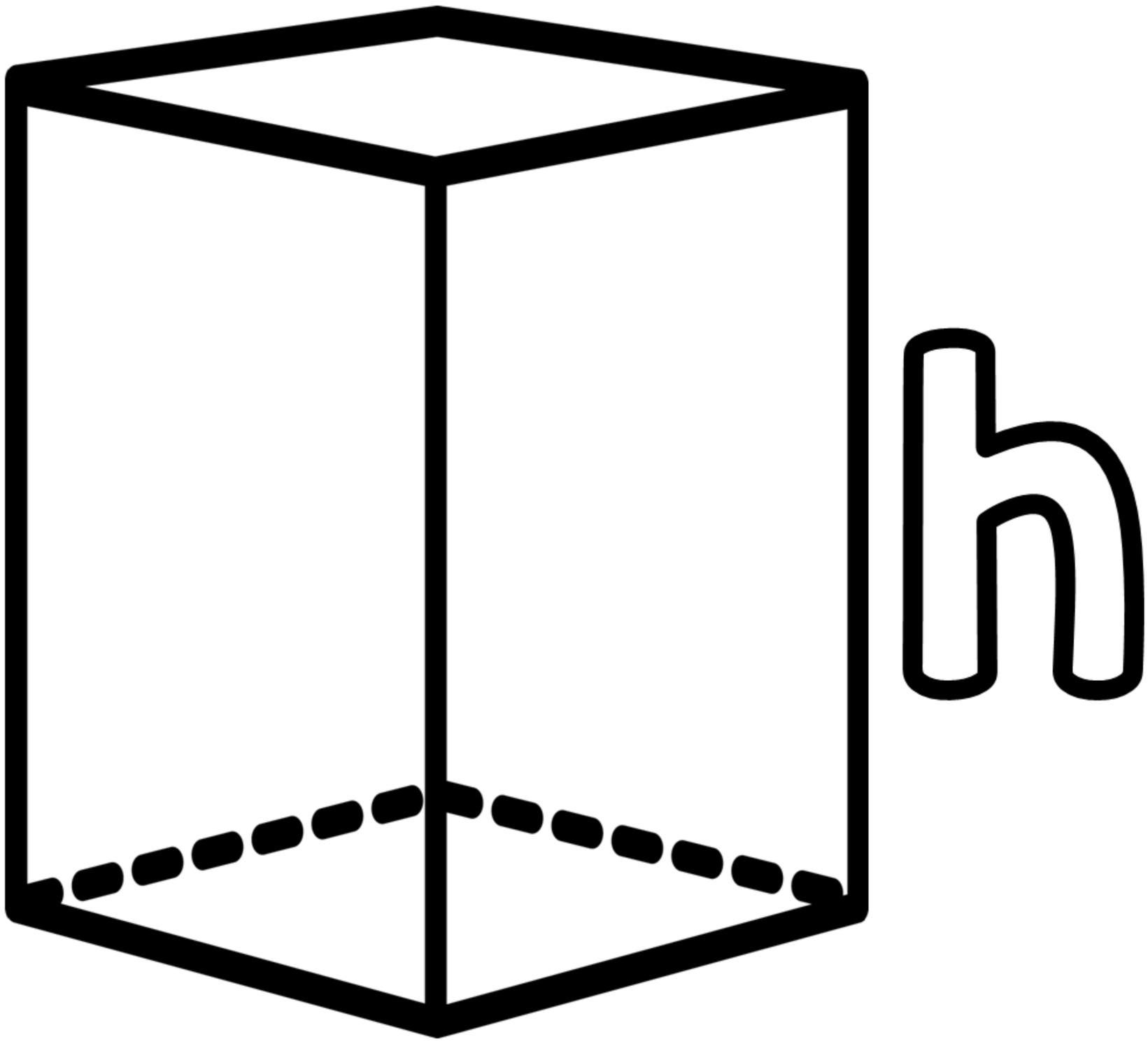
Texas

right rectangular prism



B

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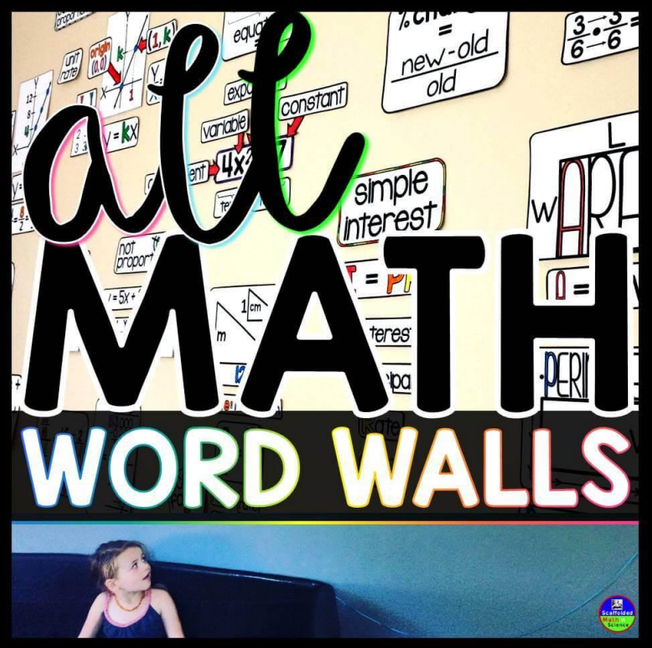
Thank you!

Whimsy Clips

Kimberly Geswein Fonts

You may also like..



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