

Test Formula Review (15 min)

Name:

Section:

1) Triangle

Draw it

Formula

2) Rectangle

3) Trapezoid

4) Parallelogram

5) Diamond

6) Rectangular Prism

V=

SA=

NA

7) Rectangular Pyramid

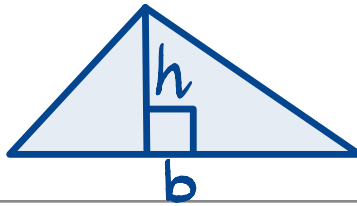
SA=

Net

Answer Key

1) Triangle

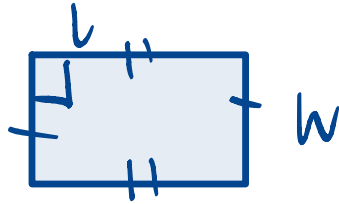
Draw it



Formula

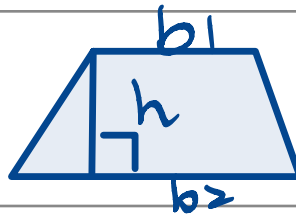
$$A = \frac{1}{2} \cdot b \cdot h$$

2) Rectangle



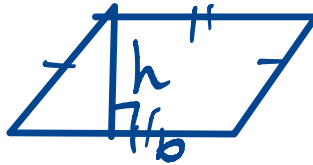
$$A = l \cdot w$$

3) Trapezoid



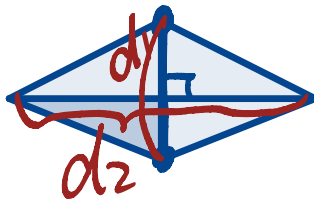
$$A = \frac{(b_1 + b_2) \cdot h}{2}$$

4) Parallelogram



$$A = b \cdot h$$

5) Diamond



$$A = \frac{d_1 \cdot d_2}{2}$$

6) Rectangular Prism

V=

SA=

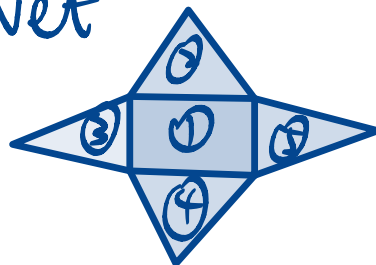
NA

$$\begin{cases} V = l \cdot w \cdot h \\ SA = 2(lw + lh + wh) \end{cases}$$

7) Rectangular Pyramid

SA=

Net



$$SA = ① + ② + ③ + ④ + ⑤$$

OR

$$SA = ① + 2 \cdot ② + 2 \cdot ③$$

Because
 $\Delta ② = \Delta ④$
 $\Delta ③ = \Delta ⑤$