

Teachers' notes Lesson notes

Quadrilaterals

I will identify, classify, and compare quadrilaterals.

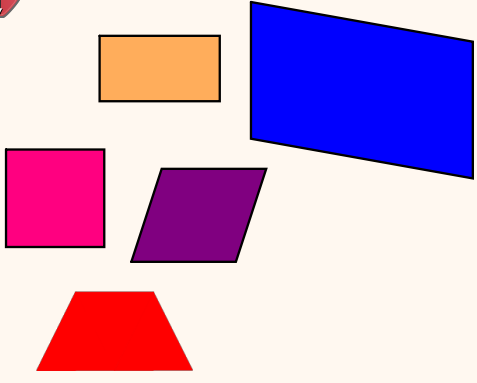
Evaluation

Title page - red

What is a quadrilateral?

A plane figure with four sides and four angles.

Notes ↓

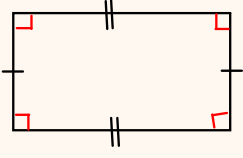


Lesson page

What is a rectangle?

A parallelogram with four right angles.

Notes ↓



Lesson page

What is the area formula for a rectangle?

$A = lW$ or $A = bh$

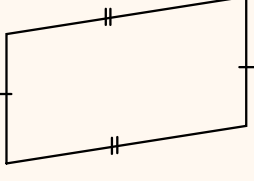
Notes ↓

Lesson page

What is a parallelogram?

A quadrilateral with two pairs of parallel sides. Opposite sides are also congruent. Opposite angles are congruent.

Notes ↓

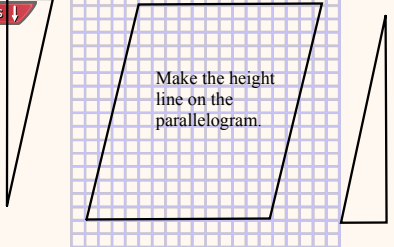


Lesson page

What is the area formula for a parallelogram?

$A = bh$

Notes ↓



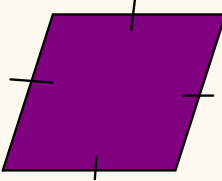
Make the height line on the parallelogram.

Lesson page

What is a rhombus?

A parallelogram with four congruent sides.

Notes ↓

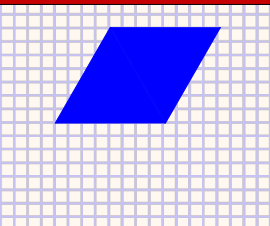


Lesson page

What is the area formula for a rhombus?

The same as a parallelogram,
 $A = bh$

Notes ↓

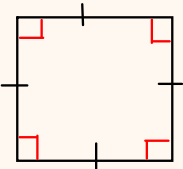


Lesson page

What is a square?

A rectangle with four congruent sides.

Notes ↓

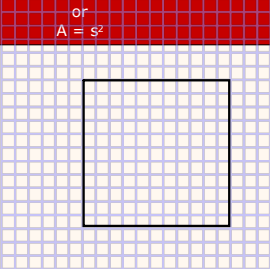


Lesson page

What is the area formula for a square?

$A = lw$
or
 $A = s^2$

Notes ↓

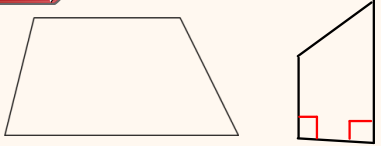


Lesson page

What is a trapezoid?

A quadrilateral with exactly two parallel sides. May have two right angles.

Notes ↓



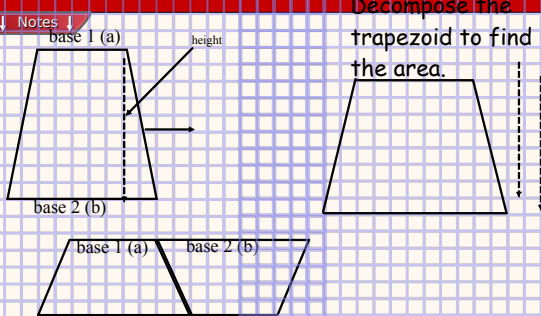
Lesson page

What is the area formula for a trapezoid?

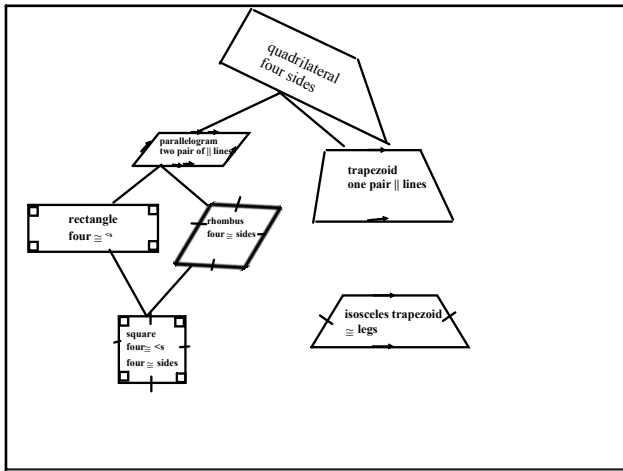
$A = 1/2h(a + b)$

Notes ↓

Decompose the trapezoid to find the area.



Lesson page



Apr 26-6:07 PM



Apr 8-3:53 PM