

# 5TH GRADE

# 2 Dimensional Figures

# TASK CARDS



# THANK YOU FOR YOUR PURCHASE



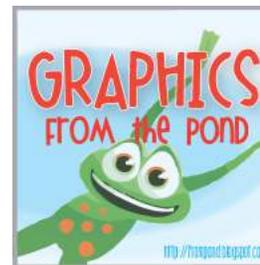
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# MATH TASK CARDS

Included in this product are:

- 24 task cards with questions based on the 5<sup>th</sup> grade math TEKS
- Recording sheet for students to record their answers
- Answer key so that you or the students can check their work

Some ideas for using these cards are:

- Test prep and review
- As a center
- Partner work
- Small group review or activity
- Independent work
- Scavenger hunt

(My personal favorite-hang the cards in random order all around the room. Students hunt for each card and record their answers.)

- Play a whole class game such as Scoot
- Play Quiz-Quiz-Trade

# MATH TASK CARDS

Teacher Instructions:

1. Print product on cardstock for durability
2. Laminate and cut apart individual task cards
3. Copy enough answer sheets for each student to have one.
4. Store in a folder, envelope, sealing bag, or hole punch each card and place them on a ring.

1

You are making a list of polygons that have both acute and obtuse angles. So far you have listed kites, rhombuses, trapezoids and parallelograms. Which type of polygon does not ALWAYS fit the criteria of the list?

2

What polygon fits the following criteria?

- Has four sides
- Has at least one set of parallel lines
- Has exactly two acute angles

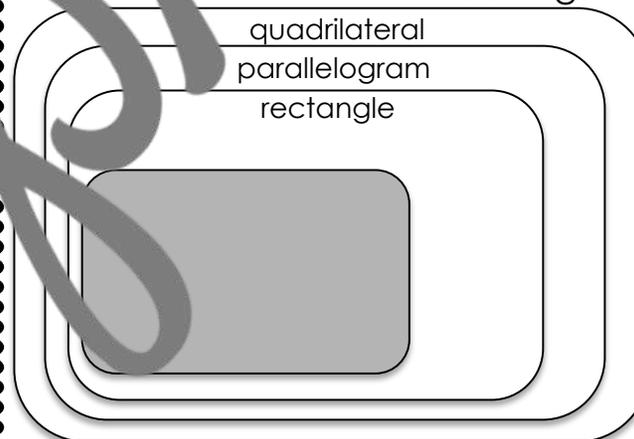
3

Which of the following statements is NOT always true?

- a square is a rectangle
- a square is a parallelogram
- a square is a rhombus
- a square is a trapezoid

4

In the diagram, each box represents a group of polygons. If a polygon belongs in a box, it also belongs in the larger boxes. Which kind of polygon belongs in the shaded box?

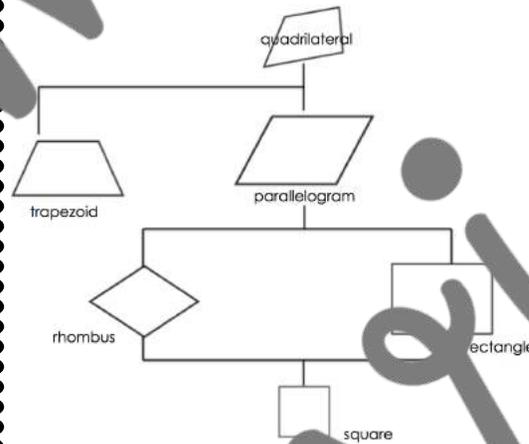


5

What quadrilateral is also a parallelogram, rectangle, and a rhombus?

6

According to the diagram, is a square a trapezoid?



7

What polygon fits the following criteria?

- Has three sides
- Has one right angle
- Has exactly two acute angles

8

What polygon can be identified by its seven sides and seven obtuse angles?

9

You are making a list of polygons with only obtuse angles. Which one does not belong on your list?

- pentagons
- octagons
- rhombuses
- dodecagons
- nonagons

10

What polygon could be identified by its three equilateral sides and three acute angles?

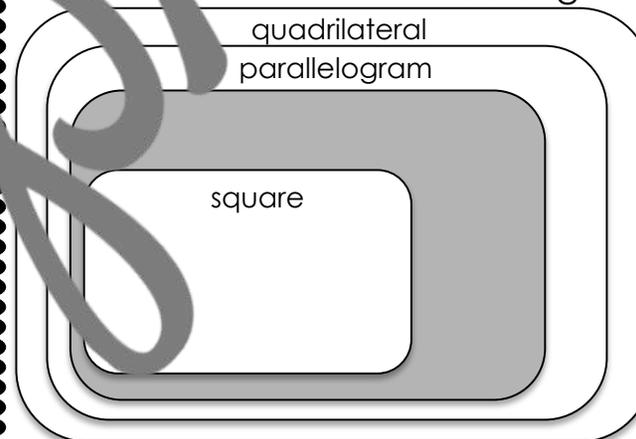
11

Which of the following statements is **NOT** always true?

- a right triangle has one right angle
- an equilateral triangle has three congruent angles
- a right triangle has one obtuse angle
- a right triangle has two acute angles

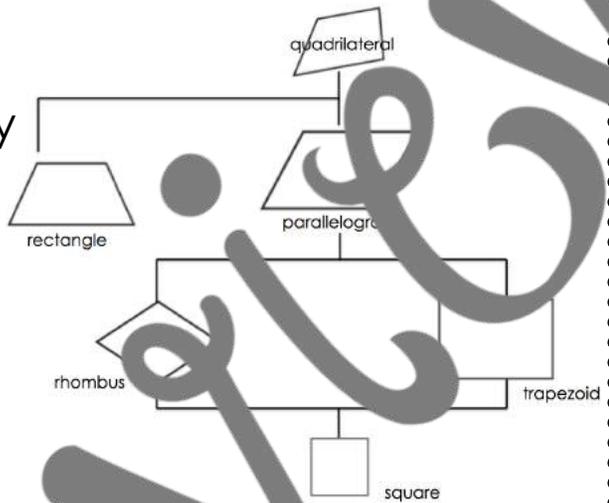
12

In the diagram, show in each box represents a group of polygons. If a polygon belongs in a box, it also belongs in all larger boxes. Which kind of polygon belongs in the shaded box?



# 13

Which two quadrilaterals are incorrectly identified in the diagram?



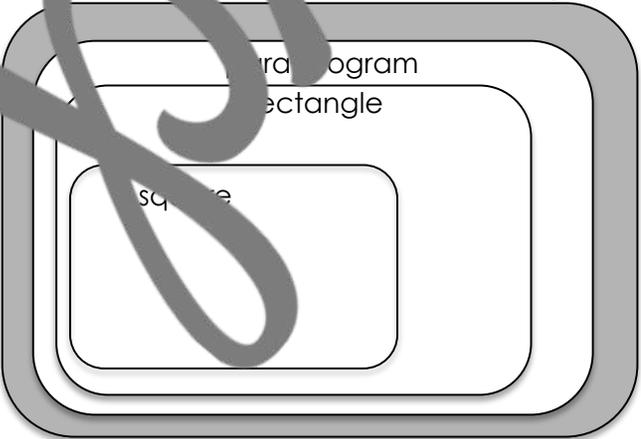
# 14

What polygon fits the following criteria?

- Has four equilateral sides
- Has two sets of parallel lines
- Has exactly two acute angles

# 15

In the diagram shown, each box represents a group of polygons. If a polygon belongs in a box, it also belongs in any larger boxes. Which kind of polygon belongs in the shaded box?



# 16

What polygon has four congruent sides with two sets of parallel lines, but no right angles?

# 17

A square and rectangle are both parallelograms. What other quadrilateral qualifies as a parallelogram?

# 18

Which of the following statements is NOT always true?

- A square is a rectangle
- A rectangle is a parallelogram
- A rhombus is a square
- A rectangle is a rhombus

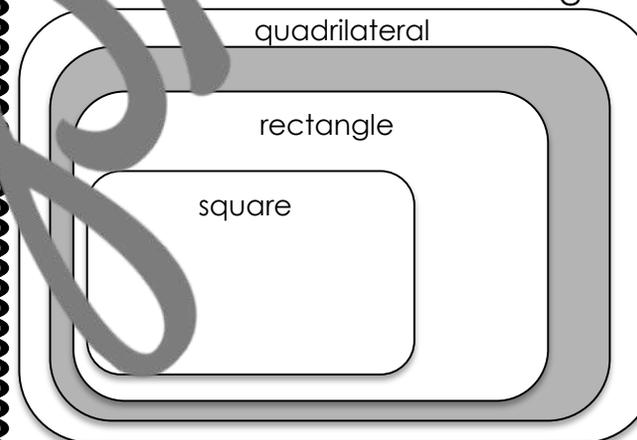
# 19

What polygon fits the following criteria?

- Has four equilateral sides
- Has four right angles
- has two sets of parallel lines

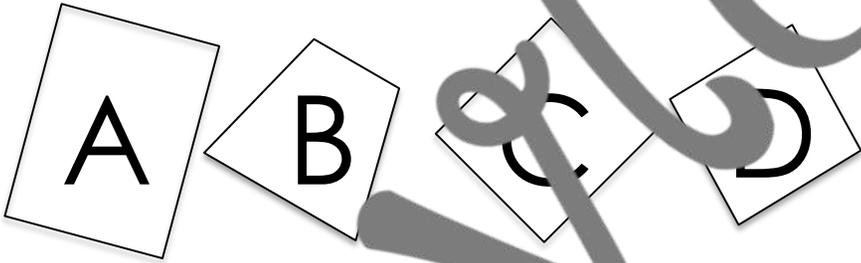
# 20

In the diagram, each box represents a group of polygons. If a polygon belongs in a box, it also belongs in the larger boxes. Which kind of polygon belongs in the shaded box?



# 21

Which of the following is not a parallelogram?



# 22

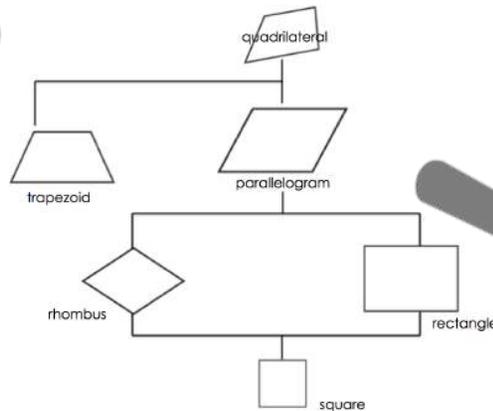
The shape shown is all of these except which?

- square
- rectangle
- parallelogram
- pentagon
- rhombus
- quadrilateral



# 23

According to the diagram, what three quadrilaterals can also be identified as a parallelogram?



# 24

What polygon could be identified by its three sides, two acute angles, and one right angle?

Name \_\_\_\_\_ # \_\_\_\_\_ Date \_\_\_\_\_

## 2 Dimensional Figures Task Cards

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

# Answer Key

## 2 Dimensional Figures Task Cards

1 parallelograms	2 trapezoid	3 square and trapezoid	4 square	5 square	6 no
7 a right angle triangle	8 pentagon	9 rhombuses	10 equilateral triangle	11 right triangle has one obtuse angle	12 rectangle
13 trapezoid and rectangle	14 rhombus	15 quadrilateral	16 rhombus	17 rhombus	18 a rhombus is a square
19 square	20 parallelogram	21 B	22 pentagon	23 rhombus, rectangle, and square	24 a right triangle