## Wrong is Right

Object of the Game: Win the most points by choosing the wrong answers.

How many can play?: Pairs

## Materials:

- Wrong is Right cards
- Special die with only 1,2,3 (or you can use a regular die and 1 &2 count as 1, 3&4 count as 2, 5&6 count as 3).
- Different color dry erase marker for each player

## To play:

Place the cards in a stack, where everyone can reach them. Player One rolls the 1-2-3 die. The player uses his/her color pen to scratch out the number of wrong answers that correspond with the roll of the die.

- Roll a 1 scratch out 1 wrong answer
- Roll a 2 scratch out 2 wrong answers
- Roll a 3 scratch out 3 wrong answers

If Player One rolls a 1 - Then Player Two can scratch out 1 wrong answer with his/her color marker. Then player 1 can scratch out the remaining wrong answer with his/her color marker.

If Player One rolls a 2, then Player two can scratch out the remaining wrong answer with his/her color marker.

Once all the wrong answers have been scratched out, check the answer on the key. Players earn one point for each wrong answer they scratch. If a player accidentally scratches out the correct answer, he/she earns no points for that round (even if they did already scratch out some wrong answers). Keep score on the dry erase board. Then it is Player 2's turn to roll the dice.

Play until there are no more cards or until you run out of time. The cards are two-sided so be sure to play both sides.

## To win:

Winner is the one with the most points at the end of the game.

Printing: landscape, black & white, 2-sided, laminate for dry erase

Unit: 3<sup>rd</sup> – Perimeter, Area & Geometry Lesson: 3.6.A - 3.6.B - Classifying 2 and 3D figures Wrong is Right

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1.	2.	3.	4.	5.	6.
В	А	D	D	С	А
7.	8.	9.	10.	11.	12.
C	В	С	В	D	В
13.	14.	15.	16.	17.	18.
С	С	В	С	В	D
19.	20.	21.	22.	23.	24.
А	D	D	А	А	С
25.	26.	27.	28.	29.	30.
D	С	В	В	D	В

1. In which set do all the figures appear to be either a rhombus, a parallelogram, trapezoid, rectangle or square.



2. The objects can be classified into 2 groups based on their shape.



Which table best represents the classifications of these objects?

4. i		
	Group	Object
	Prism	Brick Toolbox
	Cylinder	Can Drum

В.	Group	Object
	Cube	Brick Toolbox
	Cylinder	Can Drum

С.

Group	Object
Prism	Brick Toolbox
Sphere	Can Drum

D.

Group	Object
Cylinder	Brick Toolbox
Prism	Can Drum

3. Which figure CANNOT be classified as a prism.





Which of these shows a correct way to group these figures?

- A. 3 rectangles and 3 hexagons
- B. 2 hexagons and 4 quadrilaterals
- C. 2 hexagons, 2 pentagons, and 2 rectangles
- D. 1 pentagon, 2 hexagons, and 3 quadrilaterals

5. Dominique put figures into groups based on certain attributes. Sometimes she put figures into more than one group.

Group	Attribute
1	Can have sides of different lengths
2	Has exactly 4 sides
3	Is a polygon

Dominique's Figures

Which statement is true?

- A. A square could be put into all the groups
- B. A triangle could be put into all the groups
- C. A rectangle could be put into all groups
- D. A pentagon could be put into all groups

6. Sofia separated some figures into two sets. The figures in set A have a common characteristic. The figures in Set B do not have the characteristic.



Which of these is the best description of the common characteristic of the figures in Set A?

- A. They have no vertices.
- B. They have at least one circular base.
- C. They have at least one edge.
- D. They have faces that are polygons.

<sup>3.6.</sup>A - 3.6.B - classify 2 and 3D figures – Wrong is Right

7. JaMarion put figures into groups based on certain attributes. Sometimes he put figures into more than one group.

Group	Attribute
1	Must have all sides congruent
2	Has exactly 4 sides
3	Is a polygon

JaMarion's Figures

Which statement is true?

- A. A square could be put into group 1 only
- B. A triangle could be put into all the groups
- C. A rectangle could be put into groups 2 and 3 only
- D. A pentagon could be put into group 1 only



Which list shows a correct way to group the figures?

- A. 2 prisms, 1 cone, 2 cylinders, and 1 pyramid
- B. 3 prisms, 1 cone, and 2 cylinders
- C. 2 prisms, 2 cylinders, 1 sphere, and 1 cube
- D. 3 prisms, 1 cylinder, and 2 cones

9. Zayne sorted some figures into two groups.



Which statement about the figures Zayne sorted is true?

- A. All the figures in Group X are cylinders.
- B. All the figures in Group X are cones.
- C. All the figures in Group Y are prisms.

D. All the figures in Group Y are rectangular prisms.



Which of these shows a correct way to group these figures?

- A. 3 rectangles and 3 hexagons
- B. 2 pentagons, 2 hexagons, and 2 quadrilaterals
- C. 2 hexagons and 4 quadrilaterals
- D. 2 hexagons, 2 pentagons, and 2 rectangles

11. A figure is divided into 7 sections, as shown below.



Which two sections are quadrilaterals?

- A. Sections 4 and 5
- B. Sections 2 and 4
- C. Sections 1 and 3

D. Sections 5 and 6 3.6.A - 3.6.B - classify 2 and 3D figures – Wrong is Right 12. Sofia separated some figures into two sets. The figures in set A have a common characteristic. The figures in Set B do not have the characteristic.



Which of these is the best description of the common characteristic of the figures in Set A?

- A. They have no vertices.
- B. They have at least one circular base.
- C. They have at least one edge.
- D. They have faces that are polygons.

<sup>3.6.</sup>A - 3.6.B - classify 2 and 3D figures – Wrong is Right

13. In which set do all the figures appear to be either a rhombus, a parallelogram, trapezoid, rectangle or square.



14. The objects can be classified into 2 groups based on their shape.



Which table best represents the classifications of these objects?

Α.		
/ \.	Group	Object
	Prism	Brick Toolbox
	Cylinder	Baseball Orange

В.	Group	Object
	Cube	Brick Toolbox
	Sphere	Baseball Orange

С.

Group	Object
Prism	Brick Toolbox
Sphere	Baseball Orange

D.

Group	Object
Sphere	Brick Toolbox
Prism	Baseball Orange

15. Which figure CANNOT be classified as a cylinder.





Which of these shows a correct way to group these figures?

- A. 3 rectangles and 3 hexagons
- B. 2 hexagons and 4 quadrilaterals
- C. 3 quadrilaterals, 2 hexagons, and 1 pentagon
- D. 1 hexagon, 2 pentagons, and 3 quadrilaterals

17. Miracle put figures into groups based on certain attributes. Sometimes she put figures into more than one group.

Group	Attribute
1	Must have all sides congruent
2	Has exactly 4 sides
3	Is a polygon

Miracle's Figures

Which statement is true?

- A. A square can be put into group 2 only
- B. A triangle could be put into group 3 only
- C. A rectangle could be put into groups 1 and 2 only
- D. A pentagon could be put into group 1 only

18. Sofia separated some figures into two sets. The figures in set A have a common characteristic. The figures in Set B do not have the characteristic.



Which of these is the best description of the common characteristic of the figures in Set A?

- A. They have no vertices.
- B. They have at least one circular base.
- C. They have edges that are congruent.
- D. They have faces that are polygons.

<sup>3.6.</sup>A - 3.6.B - classify 2 and 3D figures – Wrong is Right

19. De'Odrick put figures into groups based on certain attributes. Sometimes he put figures into more than one group.

De'Odrick's Figures

Group	Attribute
1	Has all sides congruent
2	Has exactly 4 sides
3	Is a polygon

Which statement is true?

- A. A rhombus could be put into all the groups
- B. A triangle could be put into all the groups
- C. A rectangle could be put into groups 1 and 2 only
- D. A pentagon could be put into group 1 only



Which list shows a correct way to group the figures?

- A. 2 cubes, a prism, and 3 cylinders
- B. 5 prisms and 1 sphere
- C. 2 prisms, 1 cylinder, 2 spheres, and 1 cube
- D. 3 prisms, 2 cylinders, and 1 sphere

21. Zayne sorted some figures into two groups.



Which statement about the figures Zayne sorted is true?

- A. All the figures in Group X are cylinders.
- B. All the figures in Group X are Prisms
- C. All the figures in Group Y are prisms.
- D. All the figures in Group Y have at least one vertex.

22. The figures shown can be sorted into groups.



Which of these shows a correct way to group these figures?

- A. 2 hexagons, 2 pentagons, and 2 quadrilaterals
- B. 3 rectangles and 3 hexagons
- C. 2 hexagons and 4 quadrilaterals
- D. 1 pentagon, 2 hexagons, and 3 quadrilaterals

23. A figure is divided into 7 sections, as shown below.



Which pair of sections contains a pentagon and a quadrilateral?

- A. Sections 4 and 5
- B. Sections 2 and 4
- C. Sections 1 and 3

D. Sections 5 and 6 3.6.A - 3.6.B - classify 2 and 3D figures – Wrong is Right 24. Sofia separated some figures into two sets. The figures in set A have a common characteristic. The figures in Set B do not have the characteristic.



Which of these is the best description of the common characteristic of the figures in Set A, but not set B?

A. They have only one vertex.

- B. They have at least one circular base.
- C. They have faces that are polygons.
- D. They are three dimensional.

<sup>3.6.</sup>A - 3.6.B - classify 2 and 3D figures – Wrong is Right

25. In which set do all the figures appear to be either a rhombus, a parallelogram, trapezoid, rectangle or square.



26. The objects can be classified into 2 groups based on their shape.



Which table best represents the classifications of these objects?

Α.		
	Group	Object
	Sphere	Orange Baseball
	Prism	Can Drum

В.	Group	Object
	Cube	Orange Baseball
	Cylinder	Can Drum

C.

Group	Object
Sphere	Orange Baseball
Cylinder	Can Drum

D.	Group	Object
	Cylinder	Orange Baseball
	Sphere	Can Drum

27. Circle ALL the shapes that can be classified as a prism.





Which of these shows a correct way to group these figures?

- A. 3 rectangles and 3 hexagons
- B. 4 quadrilaterals, 1 pentagon and 1 hexagon
- C. 2 hexagons, 2 pentagons, and 2 rectangles
- D. 1 pentagon, 2 hexagons, and 3 quadrilaterals

29. Josiah put figures into groups based on certain attributes. Sometimes he put figures into more than one group.

Josiah's	<b>Figures</b>
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Group	Attribute
1	Has all sides congruent
2	Has exactly 4 sides
3	Is a polygon

Which statement is true?

- A. A square could be put into group 1 only.
- B. A triangle could be put into all the groups
- C. A rectangle could be put into groups 1 and 2 only
- D. A pentagon could be put into group 3 only

30. Select all the answers that are true of Set A that are not true of Set B.







A. They have only one vertex.

- B. They can be considered prisms.
- C. They have circular bases.
- D. They are three dimensional.