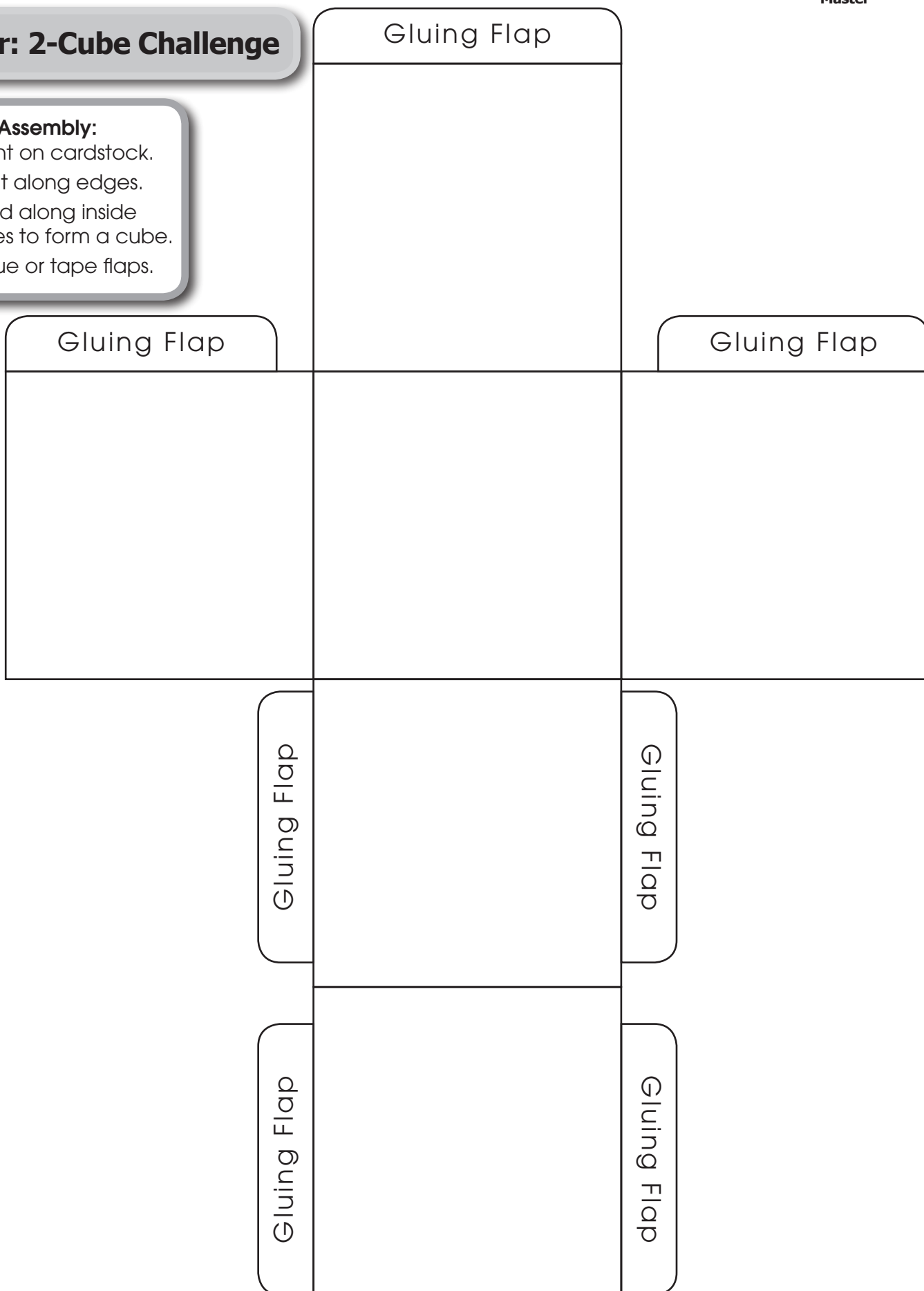


## Master: 2-Cube Challenge

### Cube Assembly:

1. Print on cardstock.
2. Cut along edges.
3. Fold along inside lines to form a cube.
4. Glue or tape flaps.



**Master: Memory**

Ratio	A comparison showing the relationship between 2 quantities	Proportionality	Having the same or a constant ratio; mathematical relation between 2 quantities
Equivalent	Equal	Common denominator	A whole number that is a common multiple of the denominators of 2 or more fractions
Simplify	To reduce	Unit rate	A ratio showing how many units there are of the first quantity when you have 1 unit of the second quantity
Proportion	An equation that states that 2 ratios are equal	Equation	A mathematical sentence that contains an equals sign

**Master: Memory (cont.)**

Proportional relationship	A relationship between 2 equal ratios	Percent	An amount out of 100
Greatest common factor	The largest factor that 2 or more numbers have in common	Linear	A relationship that forms a straight line
Scale	How much larger or smaller 1 similar figure is than another	Similar figures	2 or more figures with congruent corresponding angles and proportional corresponding lengths
Scale factor	The ratio of corresponding lengths of the sides of 2 similar figures	Origin	(0, 0)

**Master: I Have...Who Has?**

**I have:** simplify.

**Who has:** equal?

**I have:** proportion.

**Who has:** a comparison showing the relationship between 2 quantities?

**I have:** equivalent.

**Who has:** a relationship between 2 equal ratios?

**I have:** ratio.

**Who has:** a ratio showing how many units of the first quantity for 1 unit of the second quantity?

**I have:** proportional relationship.

**Who has:** a whole number that is a common multiple of the denominators of 2 or more fractions?

**I have:** unit rate.

**Who has:** a number that contains a numerator and a denominator and that shows parts of a whole?

**I have:** common denominator.

**Who has:** a mathematical sentence that contains an equals sign?

**I have:** proportionality.

**Who has:** how much larger or smaller 1 similar figure is than another?

**Master: I Have...Who Has? (cont.)**

**I have:** equation.

**Who has:** the largest factor that 2 or more numbers have in common?

**I have:** scale.

**Who has:** the ratio of corresponding lengths of the sides of 2 similar figures?

**I have:** greatest common factor.

**Who has:** an equation that states that 2 ratios are equal?

**I have:** scale factor.

**Who has:** to reduce?

**Master: Can't Say It!**

**Ratio**

Fraction

Colon

To

**Equivalent**

Equal

**Simplify**

Simple

Reduce

**Proportion**

Ratio

Equals

**Unit rate**

Rate

Ratio

Fraction

**Equation**

Equals

**Common  
denominator**

Denominator

Common

**Scale factor**

Scale

**Master: Can't Say It! (cont.)**

**Greatest common factor**

Larger

**Percent**

100

**Linear**

Line

**Similar figures**

Same  
Figure

**Origin**

Zero

**Ordered pair**

Pair  
Order

## Master: Find Someone Who...

1. Find a student who can complete each task.
2. Ask him or her to provide the response and sign his or her name.
3. Continue this process until your paper is complete.
4. Each student may answer only 1 problem on your paper.

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<p>Answer:</p>     	<p>Answer:</p>     
<p>Signature:</p>   	<p>Signature:</p>   

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<p>Answer:</p>     	<p>Answer:</p>     
<p>Signature:</p>   	<p>Signature:</p>   