Classifying Shapes True or False       Name:         Determine if the statement shown is 'true' or 'false'.       Answers         1) All squares are rectangles.       1         2) All squares have 4 angles two less than 90°, two more than 90°.       3         3) A rhombus has opposite angles that are the same.       4         4) Kites have 2 sets of parallel sides.       6         5) All rhombuses are squares.       7         6) All squares have 4 sides that are the same length.       9         7) All squares have only 1 set of parallel sides.       10         8) A rectangle has 4 angles at only two of which are 90°.       12         9) A rectangle has 4 opposites sides that are the same.       11         10) All quadrilateral have 4 sides.       11         11) A parallelogram has opposite angles that are the same.       12         12) All squares and rectangles have 4 sides that are all the same length.       13					
<b>1</b> All squares are rectangles.       I. <b>2</b> All squares have 4 angles two less than 90°, two more than 90°.       3. <b>3</b> A rhombus has opposite angles that are the same.       4. <b>4</b> Kites have 2 sets of parallel sides.       6. <b>5</b> All rhombuses are squares.       6. <b>6</b> All squares have 4 sides that are the same length.       9. <b>7</b> All squares have only 1 set of parallel sides.       10. <b>7</b> All squares have only 1 set of parallel sides.       11. <b>8</b> A rectangle has 4 angles at only two of which are 90°.       12. <b>9</b> A rectangle has opposite sides that are the same.       11. <b>10</b> All quadrilateral have 4 sides.       11. <b>10</b> All quadrilateral have 4 sides.       11.					
1.	Determine if the statement shown is 'true' or 'false'. <u>Answers</u>				
<ul> <li>2) All squares have 4 angles two less than 90°, two more than 90°.</li> <li>3) A rhombus has opposite angles that are the same.</li> <li>4) Kites have 2 sets of parallel sides.</li> <li>5) All rhombuses are squares.</li> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8)</li></ul>	1)	All squares are rectangles.	1		
<ul> <li>2) All squares have 4 angles two less than 90°, two more than 90°.</li> <li>3</li></ul>			1		
<ul> <li>3</li></ul>	•		2.		
3) A rhombus has opposite angles that are the same.       4.         4) Kites have 2 sets of parallel sides.       5.         5) All rhombuses are squares.       6.         6) All squares have 4 sides that are the same length.       9.         7) All squares have only 1 set of parallel sides.       10.         7) All squares have only 1 set of parallel sides.       11.         8) A rectangle has 4 angles at only two of which are 90°.       12.         9) A rectangle has opposites sides that are parallel.       11.         10) All quadrilateral have 4 sides.       11.         11) A parallelogram has opposite angles that are the same.       11.	2)	All squares have 4 angles two less than $90^{\circ}$ , two more than $90^{\circ}$ .			
<ul> <li>4) Kites have 2 sets of parallel sides.</li> <li>5) All rhombuses are squares.</li> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are the same.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>			3		
<ul> <li>4) Kites have 2 sets of parallel sides.</li> <li>5) All rhombuses are squares.</li> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	3)				
<ul> <li>4) Kites have 2 sets of parallel sides.</li> <li>5) All rhombuses are squares.</li> <li>6</li></ul>	3)	A rhombus has opposite angles that are the same.	4		
<ul> <li>4) Kites have 2 sets of parallel sides.</li> <li>5) All rhombuses are squares.</li> <li>6</li></ul>			5.		
<ul> <li>6</li></ul>	4)	Kitas hava 2 sats of parallal sides			
<ul> <li>5) All rhombuses are squares.</li> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	•)	Rites have 2 sets of parallel sides.	6		
<ul> <li>5) All rhombuses are squares.</li> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>					
<ul> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	5)	All rhombuses are squares.	7		
<ul> <li>6) All squares have 4 sides that are the same length.</li> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>			0		
<ul> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>			o		
<ul> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	6)	All squares have 4 sides that are the same length.	9.		
<ul> <li>7) All squares have only 1 set of parallel sides.</li> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>					
<ul> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>			10		
<ul> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	7)	All squares have only 1 set of parallel sides.			
<ul> <li>8) A rectangle has 4 angles at only two of which are 90°.</li> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>			<sup>11.</sup>		
<ul> <li>9) A rectangle has opposites sides that are parallel.</li> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>			12.		
<ul> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	8)	A rectangle has 4 angles at only two of which are 90°.			
<ul> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>					
<ul> <li>10) All quadrilateral have 4 sides.</li> <li>11) A parallelogram has opposite angles that are the same.</li> </ul>	0)				
11) A parallelogram has opposite angles that are the same.	9)	A rectangle has opposites sides that are parallel.			
11) A parallelogram has opposite angles that are the same.					
11) A parallelogram has opposite angles that are the same.	10)	All quadrilateral have A sides			
	20)	An quadriateral have + sides.			
	11)	A parallelogram has opposite angles that are the same.			
12) All squares and rectangles have 4 sides that are all the same length.					
12) All squares and rectangles have 4 sides that are all the same length.					
	12)	All squares and rectangles have 4 sides that are all the same length.			
II.					
Math www.CommonCoreSheets.com 4 1-10 92 83 75 67 58 50 42 33 25 17 11-12 8 0					

	Classifying Shapes True or False Name:	Answer Key
Dete	rmine if the statement shown is 'true' or 'false'.	Answers
1)	All squares are rectangles.	1. <b>true</b>
2)	All squares have 4 angles two less than 90°, two more than 90°.	2. <b>false</b>
3)	A rhombus has opposite angles that are the same.	3. <u>true</u> 4. <u>false</u>
4)	Kitas hava 2 sats of marallal sides	5. <b>false</b>
-)	Kites have 2 sets of parallel sides.	6. <u>true</u> 7. <u>false</u>
5)	All rhombuses are squares.	7.         false           8.         false
6)	All squares have 4 sides that are the same length.	9. <b>true</b>
7)	All squares have only 1 set of parallel sides.	10.         true           11.         true
8)	A rectangle has 4 angles at only two of which are 90°.	12. <b>false</b>
9)	A rectangle has opposites sides that are parallel.	
10)	All quadrilateral have 4 sides.	
11)	A parallelogram has opposite angles that are the same.	
12)	All squares and rectangles have 4 sides that are all the same length.	
	Math www.CommonCoreSheets.com 4 1-10 92 83 11-12 8 0	75 67 58 50 42 33 25 17