Name:

Determine if the statement shown is 'true' or 'false'.

1) A rectangle has only one set of sides that are parallel.

1. _____

2) All rectangles are parallelograms.

2. _____

3. _____

3) All squares have 4 angles that are 90°.

4. _____

5. _____

4) All parallelograms are rhombuses.

6. _____

7. _____

5) All rhombuses are squares.

8. _____

6) All rectangles are squares.

9. _____

10. _____

7) A rectangle has 4 angles that are 90°.

11. _____

12. _____

8) A trapezoid has 2 sets of parallel sides.

9) All squares and rectangles have 4 sides that are all the same length.

10) All rhombuses are quadrilaterals.

11) A parallelogram has opposite sides that are parallel.

12) All squares are quadrilaterals.

1

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) A rectangle has only one set of sides that are parallel.

2) All rectangles are parallelograms.

3) All squares have 4 angles that are 90°.

4) All parallelograms are rhombuses.

5) All rhombuses are squares.

6) All rectangles are squares.

7) A rectangle has 4 angles that are 90°.

8) A trapezoid has 2 sets of parallel sides.

9) All squares and rectangles have 4 sides that are all the same length.

10) All rhombuses are quadrilaterals.

11) A parallelogram has opposite sides that are parallel.

12) All squares are quadrilaterals.

1. **false**

2. **true**

3. **true**

4. **false**

5. **false**

6. **false**

7. **true**

8. **false**

9. **false**

10. **true**

11. **true**

12. **true**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) Kites have 2 sets of parallel sides.

1. _____

2) All squares are quadrilaterals.

2. _____

3. _____

3) A trapezoid only has 1 pair of parallel sides.

4. _____

5. _____

4) All rhombuses are parallelograms.

6. _____

7. _____

5) A rectangle has 4 angles that are 90°.

8. _____

6) All squares and rectangles have 4 sides that are all the same length.

9. _____

10. _____

7) All parallelograms are rectangles.

11. _____

12. _____

8) All rectangles are squares.

9) All squares have 4 sides that are the same length.

10) All rectangles have 4 sides that are equal length.

11) All squares are rhombuses.

12) All squares have 4 angles two less than 90°, two more than 90°.

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
| 11-12 | 8 | 0 | | | | | | | | |

Name:

Determine if the statement shown is 'true' or 'false'.

Answers

1) Kites have 2 sets of parallel sides.

1. **false**

2) All squares are quadrilaterals.

2. **true**

3) A trapezoid only has 1 pair of parallel sides.

3. **true**

4. **true**

4) All rhombuses are parallelograms.

5. **true**

6. **false**

5) A rectangle has 4 angles that are 90°.

7. **false**

8. **false**

6) All squares and rectangles have 4 sides that are all the same length.

9. **true**

7) All parallelograms are rectangles.

10. **false**

11. **true**

8) All rectangles are squares.

12. **false**

9) All squares have 4 sides that are the same length.

10) All rectangles have 4 sides that are equal length.

11) All squares are rhombuses.

12) All squares have 4 angles two less than 90°, two more than 90°.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) All squares and rectangles have 4 angles that are 90° each.

1. _____

2) All rhombuses are parallelograms.

2. _____

3. _____

3) All squares have only 1 set of parallel sides.

4. _____

5. _____

4) A parallelogram has opposite sides that are parallel.

6. _____

5) A trapezoid has angles can be any degree.

7. _____

8. _____

6) All parallelograms are squares.

9. _____

7) A parallelogram has all angles that are the same.

10. _____

11. _____

8) All rectangles have 4 sides that are equal length.

12. _____

9) A rhombus has 1 set of opposite angles that are the same.

10) All quadrilateral have 4 sides equal length.

11) All squares have 4 angles two less than 90°, two more than 90°.

12) All rhombuses are quadrilaterals.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Determine if the statement shown is 'true' or 'false'.

1) All squares and rectangles have 4 angles that are 90° each.

1. **true**

2) All rhombuses are parallelograms.

2. **true**

3) All squares have only 1 set of parallel sides.

3. **false**

4) A parallelogram has opposite sides that are parallel.

4. **true**

5) A trapezoid has angles can be any degree.

5. **true**

6) All parallelograms are squares.

6. **false**

7) A parallelogram has all angles that are the same.

7. **false**

8) All rectangles have 4 sides that are equal length.

8. **false**

9) A rhombus has 1 set of opposite angles that are the same.

9. **false**

10) All quadrilateral have 4 sides equal length.

10. **false**

11) All squares have 4 angles two less than 90°, two more than 90°.

11. **false**

12) All rhombuses are quadrilaterals.

12. **true**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1)   All squares are rectangles.

1. _____

2)   All squares have 4 angles two less than 90°, two more than 90°.

2. _____

3. _____

3)   A rhombus has opposite angles that are the same.

4. _____

5. _____

4)   Kites have 2 sets of parallel sides.

6. _____

7. _____

5)   All rhombuses are squares.

8. _____

6)   All squares have 4 sides that are the same length.

9. _____

10. _____

7)   All squares have only 1 set of parallel sides.

11. _____

12. _____

8)   A rectangle has 4 angles at only two of which are 90°.

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.

Classifying Shapes True or False

Name: **Answer Key**

Determine if the statement shown is 'true' or 'false'.

Answers

1) All squares are rectangles.

2) All squares have 4 angles two less than 90°, two more than 90°.

3) A rhombus has opposite angles that are the same.

4) Kites have 2 sets of parallel sides.

5) All rhombuses are squares.

6) All squares have 4 sides that are the same length.

7) All squares have only 1 set of parallel sides.

8) A rectangle has 4 angles at only two of which are 90°.

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.

1.	**true**
2.	**false**
3.	**true**
4.	**false**
5.	**false**
6.	**true**
7.	**false**
8.	**false**
9.	**true**
10.	**true**
11.	**true**
12.	**false**

Math www.CommonCoreSheets.com 4

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
| 11-12 | 8 | 0 | | | | | | | | |

Name: _____

Determine if the statement shown is 'true' or 'false'.

1) All parallelograms are squares.

1. _____

2) All squares have 4 angles that are 90°.

2. _____

3. _____

3) All rhombuses have only 1 set of equal length sides.

4. _____

5. _____

4) All squares are quadrilaterals.

6. _____

7. _____

5) A rhombus has 1 set of opposite angles that are the same.

8. _____

6) A rectangle has only one set of sides that are parallel.

9. _____

10. _____

7) Kites have 2 sets of parallel sides.

11. _____

12. _____

8) All rectangles are parallelograms.

9) All rectangles are quadrilaterals.

10) A parallelogram has opposite sides that are parallel.

11) A trapezoid only has 1 pair of parallel sides.

12) A rectangle has 4 angles that are 90°.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) All parallelograms are squares.

1. _____**false**_____

2) All squares have 4 angles that are 90°.

2. _____**true**_____

3) All rhombuses have only 1 set of equal length sides.

3. _____**false**_____

4. _____**true**_____

4) All squares are quadrilaterals.

5. _____**false**_____

6. _____**false**_____

5) A rhombus has 1 set of opposite angles that are the same.

7. _____**false**_____

8. _____**true**_____

6) A rectangle has only one set of sides that are parallel.

9. _____**true**_____

10. _____**true**_____

7) Kites have 2 sets of parallel sides.

11. _____**true**_____

12. _____**true**_____

8) All rectangles are parallelograms.

9) All rectangles are quadrilaterals.

10) A parallelogram has opposite sides that are parallel.

11) A trapezoid only has 1 pair of parallel sides.

12) A rectangle has 4 angles that are 90°.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) A trapezoid only has 1 pair of parallel sides.

1. _____

2) All rectangles are quadrilaterals.

2. _____

3. _____

3) All parallelograms are rectangles.

4. _____

5. _____

4) All rhombuses have only 1 set of equal length sides.

6. _____

7. _____

5) All squares are rectangles.

8. _____

6) All parallelograms are rhombuses.

9. _____

10. _____

7) All quadrilateral have 4 sides.

11. _____

12. _____

8) All squares and rectangles have 4 sides that are all the same length.

9) All squares are parallelograms.

10) All parallelograms are quadrilaterals.

11) A parallelogram has opposite angles that are the same.

12) All rhombuses are squares.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Determine if the statement shown is 'true' or 'false'.

1) A trapezoid only has 1 pair of parallel sides.

2) All rectangles are quadrilaterals.

3) All parallelograms are rectangles.

4) All rhombuses have only 1 set of equal length sides.

5) All squares are rectangles.

6) All parallelograms are rhombuses.

7) All quadrilateral have 4 sides.

8) All squares and rectangles have 4 sides that are all the same length.

9) All squares are parallelograms.

10) All parallelograms are quadrilaterals.

11) A parallelogram has opposite angles that are the same.

12) All rhombuses are squares.

Determine if the statement shown is 'true' or 'false'.

1) A rectangle has only one set of sides that are parallel.

1. _____

2. _____

2) All Squares have 4 sides where each side can be a different length.

3. _____

3) All squares are rhombuses.

4. _____

5. _____

4) All squares have 4 angles that are 90°.

6. _____

7. _____

5) A trapezoid has 2 sets of parallel sides.

8. _____

6) All trapezoids are quadrilaterals.

9. _____

10. _____

7) All rhombuses are parallelograms.

11. _____

12. _____

8) All squares are quadrilaterals.

9) All parallelograms have four sides of equal length sides.

10) A rhombus has 1 set of opposite angles that are the same.

11) All squares are rectangles.

12) All quadrilateral have 4 sides equal length.

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
| 11-12 | 8 | 0 | | | | | | | | |

Name:

Answers

Determine if the statement shown is 'true' or 'false'.

1) A rectangle has only one set of sides that are parallel.

1. **false**

2) All Squares have 4 sides where each side can be a different length.

2. **false**

3) All squares are rhombuses.

3. **true**

4. **true**

4) All squares have 4 angles that are 90°.

5. **false**

6. **true**

5) A trapezoid has 2 sets of parallel sides.

7. **true**

6) All trapezoids are quadrilaterals.

8. **true**

9. **false**

7) All rhombuses are parallelograms.

10. **false**

11. **true**

8) All squares are quadrilaterals.

12. **false**

9) All parallelograms have four sides of equal length sides.

10) A rhombus has 1 set of opposite angles that are the same.

11) All squares are rectangles.

12) All quadrilateral have 4 sides equal length.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) All squares are quadrilaterals.

1. _____

2) All squares are rectangles.

2. _____

3. _____

3) Kites have 2 sets of parallel sides.

4. _____

5. _____

4) All squares have 4 angles that are 90°.

6. _____

5) All parallelograms are squares.

7. _____

8. _____

6) All trapezoids are quadrilaterals.

9. _____

10. _____

7) A rhombus has 1 set of opposite angles that are the same.

11. _____

12. _____

8) A rectangle has opposites sides that are parallel.

9) A trapezoid has two 90° angles.

10) All quadrilateral have 4 sides equal length.

11) A rectangle has 4 angles that are 90°.

12) All rectangles have 4 sides that are equal length.

Determine if the statement shown is 'true' or 'false'.

1) All squares are quadrilaterals.

1. _____**true**_____

2) All squares are rectangles.

2. _____**true**_____

3) Kites have 2 sets of parallel sides.

3. _____**false**_____

4) All squares have 4 angles that are 90°.

4. _____**true**_____

5. _____**false**_____

5) All parallelograms are squares.

6. _____**true**_____

7. _____**false**_____

6) All trapezoids are quadrilaterals.

8. _____**true**_____

7) A rhombus has 1 set of opposite angles that are the same.

9. _____**false**_____

10. _____**false**_____

11. _____**true**_____

8) A rectangle has opposites sides that are parallel.

12. _____**false**_____

9) A trapezoid has two 90° angles.

10) All quadrilateral have 4 sides equal length.

11) A rectangle has 4 angles that are 90°.

12) All rectangles have 4 sides that are equal length.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) All squares are quadrilaterals.

1. _____

2) All rhombuses are quadrilaterals.

2. _____

3. _____

3) All parallelograms are rhombuses.

4. _____

5. _____

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7. _____

5) A trapezoid has two 90° angles.

8. _____

6) All squares and rectangles have 4 sides that are all the same length.

9. _____

10. _____

7) All quadrilateral have 4 sides equal length.

11. _____

12. _____

8) All squares have 4 angles two less than 90°, two more than 90°.

9) All squares are rectangles.

10) A rhombus has opposite angles that are the same.

11) All rectangles are parallelograms.

12) Kites have 2 sets of parallel sides.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determine if the statement shown is 'true' or 'false'.

1) All squares are quadrilaterals.

1. _____**true**_____

2) All rhombuses are quadrilaterals.

2. _____**true**_____

3) All parallelograms are rhombuses.

3. _____**false**_____

4) All parallelograms are squares.

4. _____**false**_____

5. _____**false**_____

5) A trapezoid has two 90° angles.

6. _____**false**_____

7. _____**false**_____

6) All squares and rectangles have 4 sides that are all the same length.

8. _____**false**_____

9. _____**true**_____

7) All quadrilateral have 4 sides equal length.

10. _____**true**_____

11. _____**true**_____

8) All squares have 4 angles two less than 90°, two more than 90°.

12. _____**false**_____

9) All squares are rectangles.

10) A rhombus has opposite angles that are the same.

11) All rectangles are parallelograms.

12) Kites have 2 sets of parallel sides.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Classifying Shapes True or False

Name: _____

Determine if the statement shown is 'true' or 'false'.

1) All rhombuses are parallelograms.

2) All rhombuses are quadrilaterals.

3) A trapezoid has angles can be any degree.

4) A rectangle has 4 angles at only two of which are 90°.

5) All squares are rhombuses.

6) All parallelograms have four sides of equal length sides.

7) All squares have 4 angles two less than 90°, two more than 90°.

8) A rectangle has opposites sides that are parallel.

9) All quadrilateral have 4 sides equal length.

10) All trapezoids are quadrilaterals.

11) All squares have 4 sides that are the same length.

12) A trapezoid has 2 sets of parallel sides.

Determine if the statement shown is 'true' or 'false'.

1) All rhombuses are parallelograms.

1. _____ **true**

2) All rhombuses are quadrilaterals.

2. _____ **true**

3. _____ **true**

3) A trapezoid has angles can be any degree.

4. _____ **false**

5. _____ **true**

4) A rectangle has 4 angles at only two of which are 90°.

6. _____ **false**

7. _____ **false**

5) All squares are rhombuses.

8. _____ **true**

6) All parallelograms have four sides of equal length sides.

9. _____ **false**

10. _____ **true**

7) All squares have 4 angles two less than 90°, two more than 90°.

11. _____ **true**

12. _____ **false**

8) A rectangle has opposites sides that are parallel.

9) All quadrilateral have 4 sides equal length.

10) All trapezoids are quadrilaterals.

11) All squares have 4 sides that are the same length.

12) A trapezoid has 2 sets of parallel sides.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								