Year 8 Space & Geometry Worksheet
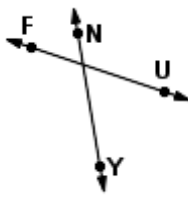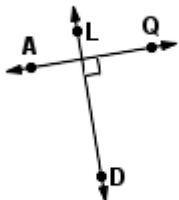
A. Classify each triangle as isosceles, scalene, or equilateral and as right, acute, or obtuse.

1.	2.	3.	4.
_____	_____	_____	_____

5.	6.	7.	8.
_____	_____	_____	_____

B. Name the part of the circle. Write diameter, chord, center, or radius.

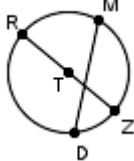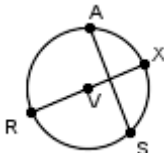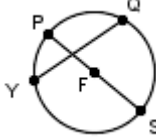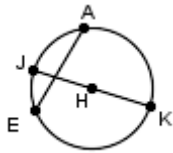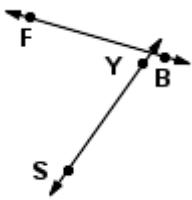| 1.	2.	3.	4.
$\overline{ZR}$	$\overline{VX}$	$\overline{YQ}$	$\overline{KH}$
_____	_____	_____	_____

C. Classify each pair of lines as *parallel*, *intersecting*, or *perpendicular*.

1.	2.	3.	4.
_____	_____	_____	_____

D.   Look at this figure:

What is the shape of its base?

1. square
2. triangle
3. hexagon
4. heptagon

E.   What figure is this?

1. sphere
2. cone
3. triangular prism
4. rectangular prism

F.   Which of these is a hexagonal prism?

A.   B.   C.

G.   Look at this figure:

What is the shape of its bases?

1. circle
2. triangle
3. square
4. pentagon

H.   Look at this figure:

What is the shape of its bases?
1. circle
2. triangular-based pyramid
3. square
4. pentagon