Maths Worksheet

Understanding Elementary Shapes Class VI

Q.1) Match the following:

Column 1	Column 2
a) Tetrahedron	12
b) No. of vertices in a square-based pyramid	3
c) 3D solid with no edges and vertices	Triangular Prism
d) 3D solid represented by a bus	5
e) No. of faces in a cylinder	Sphere
f) No. of edges in a rolling die	Cuboid or Rectangular Prism

Q.2) Fill in the blanks:

a) _____ and _____ are the only consecutive prime numbers.

b) An odd number is always succeeded by an _____ number.

c) _____ number of right angles is the same as _____ straight angles.

d) A straight angle is always _____ than a reflex angle but _____ than an obtuse angle.

e) There are _____ 60° angles in a complete turn.

Q.3) Two bills of $6075 and $8505 are to be paid, respectively, by cheque of same amount. What will be the largest possible amount of each cheque?

Q.4) Three bells ring at intervals of 20, 24 and 32 seconds. If they begin to ring together, after how long will they ring together again?

Q.5) Observe the figure given on the right and answer the following:

a) How many sides does the polygon have?

b) Name the vertices of the given polygon.

c) Identify one side adjacent to CD

d) Which is the side opposite to DE?

e) Mark a point P in the interior and a point Q in the exterior of the polygon.

f) Mark any one diagonal of the given polygon.