

- 1 (a) cube $\rightarrow$ net C
- (b) triangular pyramid $\rightarrow$ net E
- (c) triangular prism $\rightarrow$ net D
- (d) cuboid $\rightarrow$ net B
- (e) square pyramid $\rightarrow$ net A

2 (a) Practical work

(b)

Shape	Number of faces	Number of vertices	Number of edges
triangular pyramid	4	4	6
square pyramid	5	5	8
pentagonal pyramid	6	6	10
hexagonal pyramid	7	7	12
(d) heptagonal pyramid	8	8	14
octagonal pyramid	9	9	16

(c) The number of faces is the same as the number of vertices.

3 (a) Practical work

(b)

Shape	Number of faces	Number of vertices	Number of edges
triangular prism	5	6	9
rectangular prism	6	8	12
pentagonal prism	7	10	15
hexagonal prism	8	12	18
(c) heptagonal prism	9	14	21
octagonal prism	10	16	24

4 Practical work