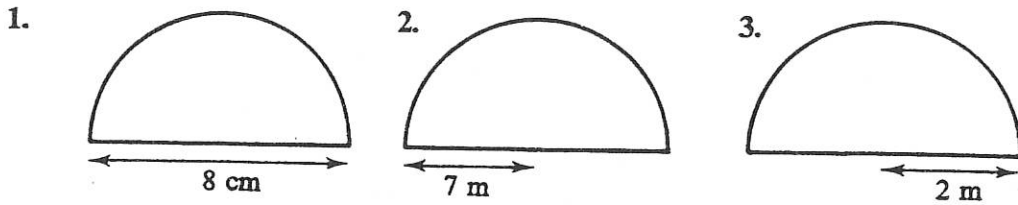


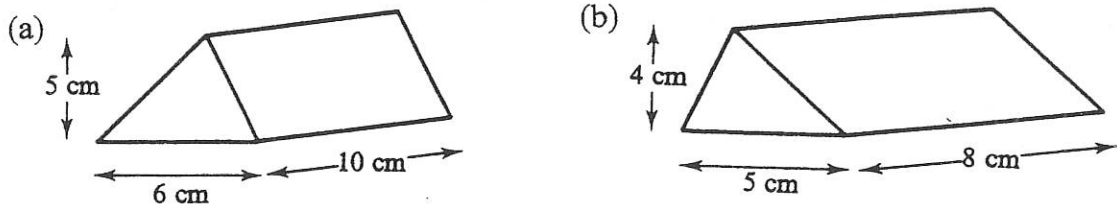


In Questions 1, 2, 3 work out,

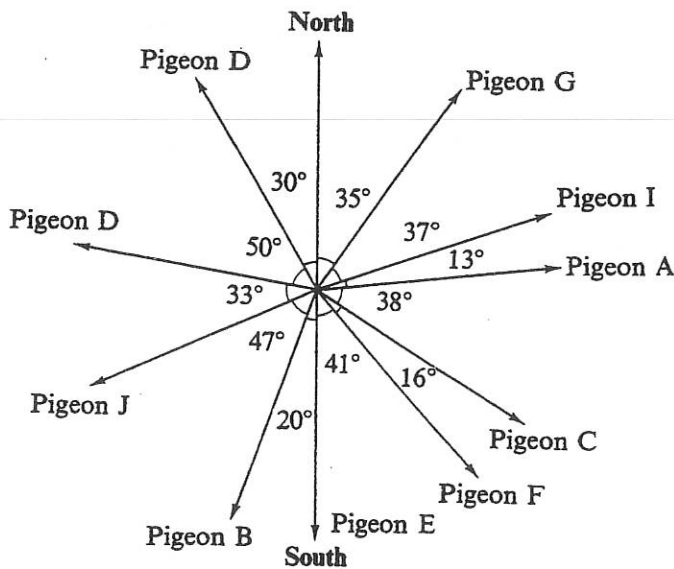
- (a) the perimeter
- (b) the area.



4. Find the volume of each triangular prism



5. Ten pigeons are released and they fly in the directions shown below. On what bearing is each pigeon flying?



6. Plot and label the following triangles:

$\Delta 1$: (4, 2) (8, 2) (8, 4).

Shade this triangle.

$\Delta 2$: (-4, 2) (-8, 2) (-8, 4)

$\Delta 3$: (-2, 4) (-2, 8) (-4, 8)

$\Delta 4$: (0, -3) (8, -3) (8, 1)

$\Delta 5$: (-4, -2) (-8, -2) (-8, -4)

$\Delta 6$: (2, 4) (2, 8) (4, 8)

Describe fully the following transformations:

(a) $\Delta 1 \rightarrow \Delta 2$ (b) $\Delta 1 \rightarrow \Delta 3$

(c) $\Delta 1 \rightarrow \Delta 4$ (d) $\Delta 1 \rightarrow \Delta 5$

(e) $\Delta 1 \rightarrow \Delta 6$ (f) $\Delta 2 \rightarrow \Delta 5$