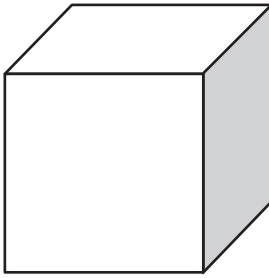


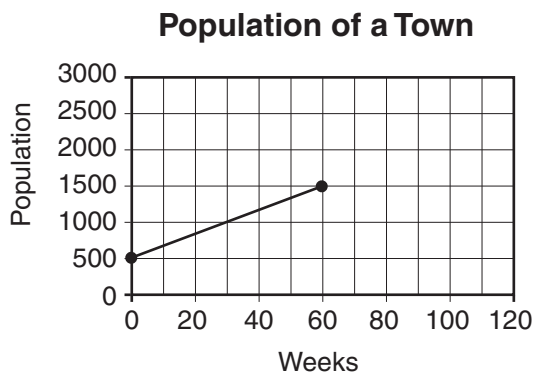
- 1 This cube has a side length of x .



What is the surface area of the cube?

- A $12x$
- B $3x^2$
- C $6x^2$
- D x^3

- 2 The graph shows how the population of a town has changed over time.

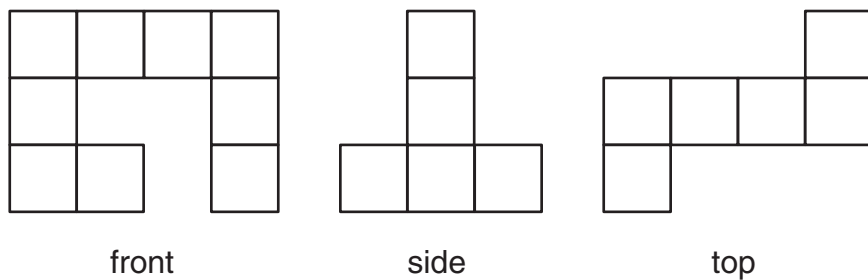


The population will continue to grow at the same rate.

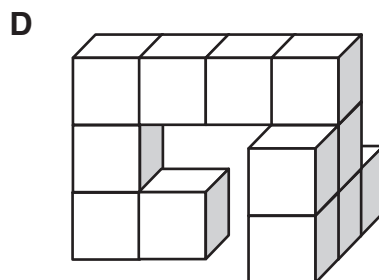
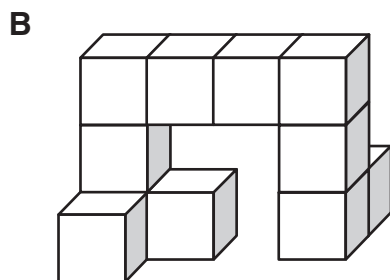
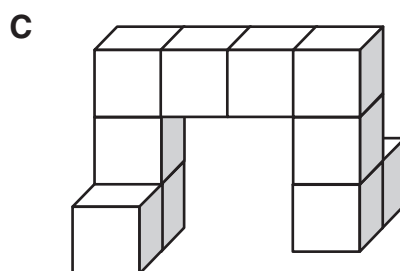
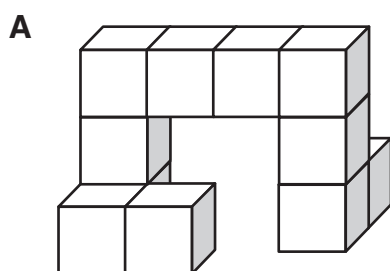
What is the best estimate of the population at 72 weeks?

- A 1600
- B 1700
- C 1800
- D 1900

3 Here are the front, side and top views of a 3D object.



Which is the correct object?



4 The quadrilateral PQRS is divided into two triangles: PQR and PRS

What is the total area of quadrilateral PQRS?

- A 41 cm^2
- B 195 cm^2
- C 390 cm^2
- D 780 cm^2

