

- 18** To be able to resolve a grain of green colour sand of radius  $50 \mu\text{m}$ , the maximum distance that your eye can be positioned is 19 cm away from the grain.

What is the maximum distance for your eye to be able resolve a blue colour grain of sand?

- A** The new distance is smaller than 19 cm.
- B** The distance remains the same.
- C** The new distance is larger than 19 cm.
- D** The blue grain of sand cannot be resolved.

