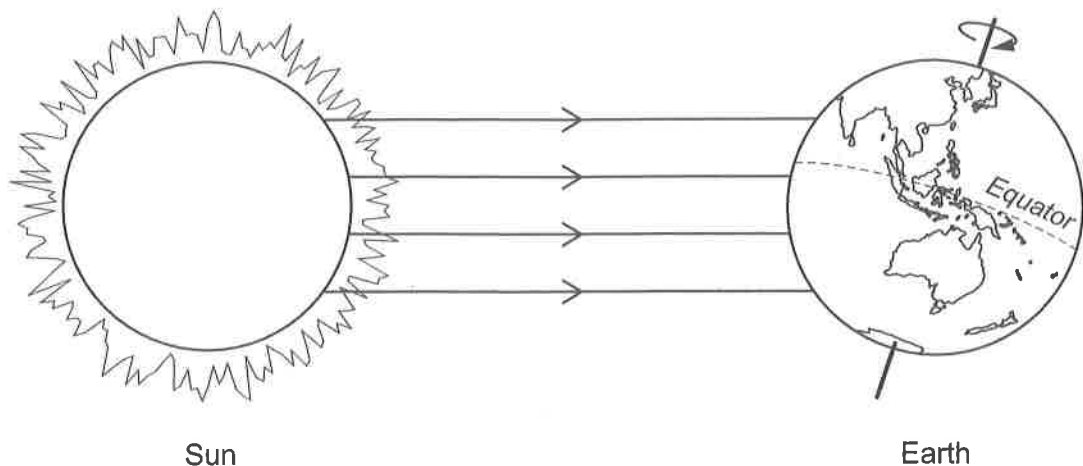


19 The Earth's axis of rotation is tilted as shown in the diagram. The diagram is not to scale.



Why do areas near the poles of the Earth have colder climates than areas near the Equator?

- A The amplitude of the Sun's light is less at the poles than at the Equator.
- B The atmosphere is deeper at the poles than at the Equator.
- C The power per unit area is less at the poles than at the Equator.
- D The Sun is further from the poles than from the Equator.

20 Water ripples on a ripple tank approach a narrow gap in a barrier. The width of the gap is equal to