

Solutions

Each answer shows the steps, then the **result**.

2.1

- 30°

2.2

- specular reflection is from a smooth surface and forms a clear image; diffuse reflection is from a rough surface and scatters the light

2.3

- the normal (the line perpendicular to the surface)

3.1 B

3.2 B

3.3

(a)

- $90^\circ - 25^\circ = 65^\circ$

(b)

- 65°