2013 **2** The diagram shows the line ℓ. What is the slope of the line ℓ?
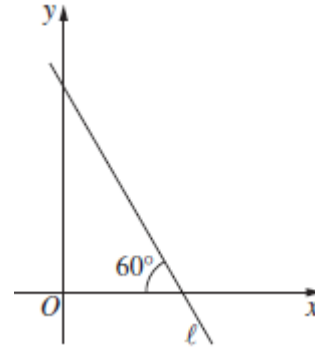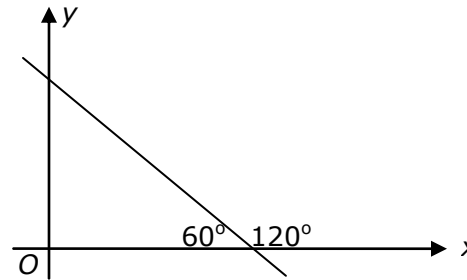
(A) $\sqrt{3}$

(B) $-\sqrt{3}$

(C) $\dfrac{1}{\sqrt{3}}$

(D) $-\dfrac{1}{\sqrt{3}}$

1

B

The line forms an angle of 120° with the positive direction of the x-axis:

$\therefore\ m = \tan\ \theta$

$\quad\quad = \tan\ 120°$

$\quad\quad = -\tan\ 60°$

$\quad\quad = -\sqrt{3}$

State Mean:
0.62