

- 9** A basketball player hits a ball vertically downwards with a speed of 2.4 ms^{-1} from a height of 0.90 m .

Air resistance is negligible.

What is the speed of the ball as it hits the ground?

- A** 4.2 ms^{-1} **B** 4.8 ms^{-1} **C** 18 ms^{-1} **D** 23 ms^{-1}