

SMART EXAM RESOURCES
SUBJECT: PHYSICS
TOPIC: EFFECT OF FORCE
SET-1-QP-MS

- 1 A student catches a cricket ball. The speed of the ball immediately before it is caught is 18 m/s . The mass of the cricket ball is 160 g .

As the student catches the ball, she moves her hands backwards.

Explain the effect of this action on the student's hands.

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..... [1]

MARK SCHEME:

longer time (of impact/contact) AND smaller force (on them) OR longer time (of impact/contact) AND does not hurt as much	B1
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