



Brian and Bob visit a ski resort. Brian buys 3 full passes and 4 restricted passes. The total cost of his passes is £185.

- (a) Write down an equation to illustrate this information. 1
- (b) Bob buys 2 full passes and 3 restricted passes.
The total cost of his passes is £130.
Write down an equation to illustrate this information. 1
- (c) Find the cost of a restricted pass and the cost of a full pass. 3
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Answers:

Choosing f for the price of a full pass and r for price of a restricted pass:

- (a) $3f + 4r = 185$
- (b) $2f + 3r = 130$
- (c) Restricted pass: £20. Full pass: £35.