**Hiroto Run**

Max Score: 5

Hiroto has entered a pumpkin-carrying competition. He must run twice as fast as his opponents’ while holding a pumpkin thrice as big as his opponents’.

Create a program that helps him calculate how fast Hiroto has to run, given his opponents’ speed, and how big his pumpkin has to be, given his opponents’ pumpkin.

* If Hiroto has to carry a pumpkin heavier than 15 kgs, Hiroto has to run three times as fast as his opponents.
* If Hiroto’s pumpkin exceeds 20kgs, print a message stating that Hiroto has fallen and has lost the competition.
* Output how fast Hiroto has to run as well as the weight of his pumpkin, or if he has lost the race and fallen.

Use the phrases "Hiroto has to run at (speed) metres per second" and "Hiroto has to carry a pumpkin of (weight) kgs" or "Hiroto has fallen and lost the race." to output the values.

**Input Format**

*opponentSpeed* = *integer* *opponentPumpkin* = *integer*

**Constraints**

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**Output Format**

Hiroto's speed = *string* Hiroto's pumpkin = *string* or Hiroto's fall = *string*

**Sample Input 0**

5

2

**Sample Output 0**

Hiroto has to run at 10 metres per second

Hiroto has to carry a pumpkin of 6 kgs

**Sample Input 1**

8

7

**Sample Output 1**

Hiroto has fallen and lost the race