

EMPIRE STATE BUILDINGS RUN-UPS

Every year more than 100 runners from all over the world take part in a unique sport event. It is a run-up in the Empire State Building skyscraper in the center of New York. Up by 1576 stairs to the 86th floor in the height of 320 meters where the first scenic platform is situated.



Exercise 1.5 Paul wanted to find out how many stairs lead from one floor to the next floor. After the division $1576:86$ he did not get a whole number. Therefore he concluded that at least one of the two pieces of information (the number of stairs or the number of floors) is incorrect. Explain why Paul's conclusion doesn't have to be correct.

Explanation:

The 30th year of this run took place on the 6th of February, 2007. The results of the best runners are in the tables. The sportsman's name is in the first column, his age in the second one, the country he represents is in the next one and the time achieved is in the last column.

Official Finish List - Male				
1.	Thomas Dold	22	Germany	10:25
2.	Jahn Mattias	23	Germany	10:56
3.	Rickey Gates	25	USA	11:02
4.	Pedro Ribeiro	34	China	11:10
5.	Rudolf Reitberger	35	Austria	11:12
6.	Tommy Coleman	32	USA	11:33
7.	Jesse Berg	34	USA	12:02
8.	David Shafran	27	USA	12:14
9.	Zach Schade	39	USA	12:15
10.	Jose Cano Fernandez	36	Spain	12:22
Official Finish List - Female				
1.	Suzy Walsham	33	Singapúr	13:12
2.	Cindy Moll-Harris	38	USA	13:24
3.	Fiona Bayly	39	USA	13:25
4.	Amy Fredericks	40	USA	14:07
5.	Kathryn Froelich	44	USA	14:18
6.	Caroline Gaynor	23	USA	14:29
7.	Bridget Carlson	45	USA	14:30
8.	Tina Marie Poulin	34	USA	14:38
9.	Stacy Creamer	47	USA	14:45
10.	Jodi Gravino	37	USA	15:34

(source: http://www.esbnyc.com/tourism/tourism_specialevents_runup.cfm)



Exercise 2: Kamila wrote down that the run-up had taken Tommy Coleman 11.33 minutes. Did she take down a correct piece of information? Explain your answer.

Answer: yes no

Explanation:

Exercise 3: One reporter made a small calculation based on the Table of Results and he created a following headline: „The average speed of 1.455 km/hour was quite enough for Suzy to win the run-up. “ Explain how the reporter got this number 1.455 and why his statement is not correct.

Explanation:

