

Question21158

Three boys ran in a race. Their total time was 24 minutes. Bill ran 3 minutes quicker than Peter. Michael ran 3 times quicker than Bill. Find the race times of each boy.

Solution.

Since the last one was Peter he ran 24 min. Then Bill ran $24 - 3 = 21$ min. Michael ran 3 times quicker than Bill. So he ran $21 : 3 = 7$ min.

Answer. Peter - 24 min, Bill - 21 min, Michael - 7 min.