

Diving into Mastery



Hours, Minutes and Seconds

twinkl



Complete the table.

1 hour 20 minutes	=	<u>80</u> minutes
1 hour 5 minutes	=	<u>65</u> minutes
1 hour 35 minutes	=	<u>95</u> minutes
<u>1</u> hour <u>45</u> minutes	=	105 minutes
<u>2</u> hours <u>30</u> minutes	=	150 minutes
<u>3</u> hours <u>20</u> minutes	=	200 minutes



Use $<$, $>$ or $=$ to make the statements correct.

2 hours 24 minutes	$<$	150 minutes
85 seconds	$=$	1 minute 25 seconds
3 hours	$>$	170 minutes
250 minutes	$>$	4 hours
3 minutes 5 seconds	$<$	200 seconds



Find the odd one out in each group of times. Explain your reasoning.

a) $2\frac{1}{4}$ minutes 2 minutes 15 seconds 125 seconds

The other times equal 135 seconds.

b) $3\frac{1}{2}$ minutes 3 minutes 3 seconds 210 seconds

The other times equal 210 seconds.

c) $4\frac{3}{4}$ minutes 4 minutes 40 seconds 280 seconds

The other times equal 280 seconds.



Tessa rides her bike for 1 hour and 9 minutes.

69 minutes

Todd rides his bike for 70 minutes.

70 minutes

Thomas rides his bike for 1 and $\frac{1}{4}$ hours.

75 minutes

**Thomas thinks he rode his bike for the longest time.
Is he correct? Explain your reasoning.**

Thomas is correct as he rode for 75 minutes and
Tessa and Todd rode for less.



Hours, Minutes and
Seconds

Deepest
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Three children took part in a sponsored walk to raise money for the NHS.
Complete the missing information in the table.

Name	Average time per lap	Number of Laps	Total Time Walked
Aleesha	2 minute 10 seconds	10	21 minutes 40 seconds
Ben	115 seconds	12	23 minutes
Ed	2 minutes 30 seconds	10	25 minutes

What was the difference in seconds between the person who walked for the longest time and the person who walked for the shortest time?

3 minutes
20 seconds =
200 seconds