


Outcome 2 - Adding/Subtracting Minutes and Seconds

Bronze example

Examples...

Matty took 2 minutes 43 seconds to complete a lap of the football pitch. His second lap took him 2 minutes 5 seconds. How long was his total time?




$$\begin{array}{r} 2 \text{ mins } 43 \text{ secs} \\ + 2 \text{ mins } 05 \text{ secs} \\ \hline 4 \text{ mins } 48 \text{ secs} \end{array}$$

Silver example

Examples...

Simon took 3 minutes 38 seconds to complete a lap of the football pitch. His second lap took him 5 minutes 27 seconds. How long was his total time?



$$\begin{array}{r} 3 \text{ mins } 38 \text{ secs} \\ + 5 \text{ mins } 27 \text{ secs} \\ \hline 9 \text{ mins } 05 \text{ secs} \end{array}$$

Gold examples

Examples...

David completed his practice lap in the first time shown.

min	sec	$\frac{1}{10}$	min	sec	$\frac{1}{10}$
4	52	4	6	19	8

Nigel completed his practice lap in the second time shown.

How much faster was David than Nigel?

Subtract the seconds... $79 - 8 = 52$

Subtract the remaining minutes... $5 - 4 = 1$

1 min 53.4 secs

Bronze Questions

Add the following sets of minutes and seconds...

- 1 Lap 1 = 4 mins 23 secs
Lap 2 = 3 mins 6 secs
- 2 Lap 1 = 5 mins 16 secs
Lap 2 = 4 mins 12 secs



- 3 Jog 1 = 8 mins 14 secs
Jog 2 = 9 mins 3 secs
- 4 Cycle 1 = 6 mins 17 secs
Cycle 2 = 7 mins 22 secs



- 5 Song 1 = 2 mins 18 secs
Song 2 = 4 mins 21 secs
- 6 Trip 1 = 12 mins 15 secs
Trip 2 = 13 mins 10 secs



Silver Questions

Add the following sets of minutes and seconds...

- 1 Lap 1 = 2 mins 46 secs
Lap 2 = 4 mins 18 secs
- 2 Lap 1 = 5 mins 33 secs
Lap 2 = 6 mins 47 secs



- 3 Jog 1 = 9 mins 26 secs
Jog 2 = 12 mins 54 secs
- 4 Cycle 1 = 7 mins 58 secs
Cycle 2 = 10 mins 9 secs



- 5 Song 1 = 4 mins 42 secs
Song 2 = 4 mins 34 secs
- 6 Trip 1 = 9 mins 45 secs
Trip 2 = 10 mins 27 secs



Gold Questions

Calculate the difference between the sets of times below...

1

min	sec	$\frac{1}{10}$
1	52	8

Time 1

2

min	sec	$\frac{1}{10}$
2	32	7

Trial 1

min	sec	$\frac{1}{10}$
3	19	5

Time 2

3

min	sec	$\frac{1}{10}$
6	08	4

Trial 2

3

min	sec	$\frac{1}{10}$
3	46	9

Lap 1

4

min	sec	$\frac{1}{10}$
4	51	2

Race 1

min	sec	$\frac{1}{10}$
6	14	7

Lap 2

4

min	sec	$\frac{1}{10}$
5	00	7

Race 2

Bronze Answers

1. 7 mins 29 secs
2. 9 mins 28 secs
3. 17 mins 17 secs
4. 13 mins 39 secs
5. 6 mins 39 secs
6. 25 mins 25 secs

Silver Answers

1. 7 mins 4 secs
2. 12 mins 20 secs
3. 22 mins 20 secs
4. 18 mins 7 secs
5. 9 mins 16 secs
6. 20 mins 12 secs

Gold Answers

1. 2 mins 26.7 secs
2. 3 mins 35.7 secs
3. 2 mins 27.8 secs
4. 9.5 secs