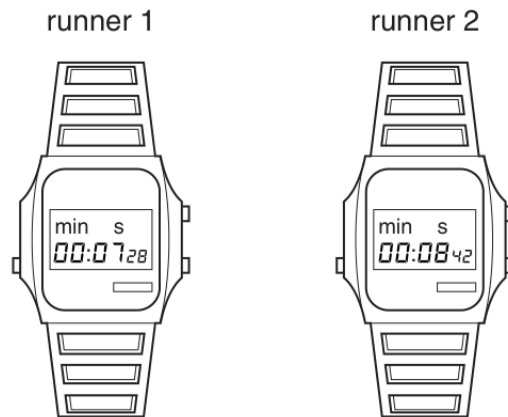


Smart Exam Resources
0625 / 0972 (9-1) IGCSE Physics
MEASURING TIME

1

The digital stopwatches show the finishing times of two runners in a race.



What is the time difference between the two runners?

A 1.14 s

B 7.28 s

C 8.42 s

D 15.70 s

2

A stopwatch is used to time a student running a 1500 m race.



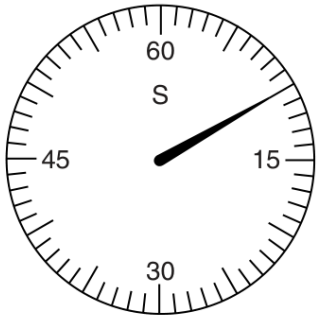
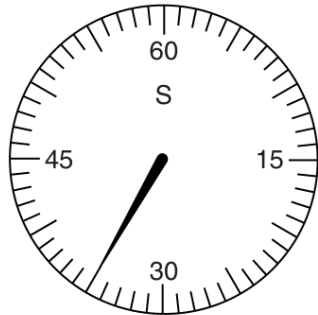
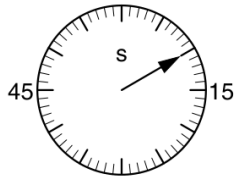
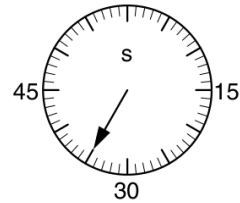
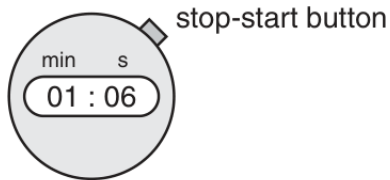
What is the reading on the stopwatch?

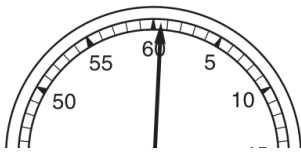
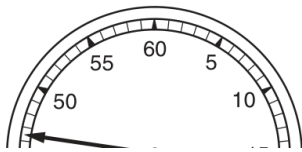
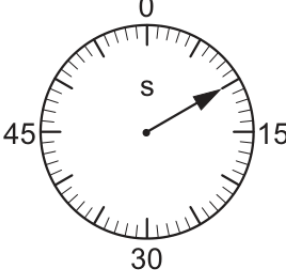
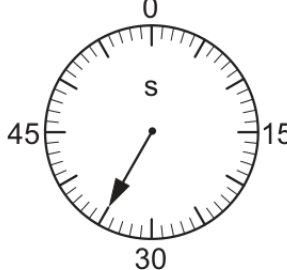
A 658.31 seconds

B 6 minutes 58.31 seconds

C 6.58 minutes 31 seconds

D 6 hours 58 minutes 31 seconds

3	The diagrams show the times on a stopclock at the start and at the finish of an experiment. stopclock at start  stopclock at finish  How long did the experiment take? A 10 s B 25 s C 35 s D 45 s
4	The diagrams show the times on a stopclock at the start and finish of an experiment. stopclock at start  stopclock at finish  How long did the experiment take? A 10 s B 25 s C 35 s D 45 s
6	6 The diagram shows a stopwatch, originally set at 00:00. When a car was first seen, the stop-start button was pressed. When the car passed the observer, the stopwatch showed 01:06.  How long did the car take to reach the observer? A 1.06 seconds B 6 seconds C 66 seconds D 106 seconds

7	7 A stopwatch is used to time a race. The diagrams show the watch at the start and at the end of the race. start  end  How long did the race take? A 45.7 s B 46.0 s C 46.5 s D 47.0 s															
8	The diagrams show the times on a stopclock at the beginning and at the end of an experiment. stopclock at beginning  stopclock at end  How long did the experiment take? A 10 s B 25 s C 35 s D 45 s															
9	Four athletes run twice around a track. The table shows their times at the end of each lap. Which athlete runs the second lap the fastest? <table><tr><th>athlete</th><th>time at end of first lap/s</th><th>time at end of second lap/s</th></tr><tr><td>A</td><td>22.99</td><td>47.04</td></tr><tr><td>B</td><td>23.04</td><td>47.00</td></tr><tr><td>C</td><td>23.16</td><td>47.18</td></tr><tr><td>D</td><td>23.39</td><td>47.24</td></tr></table>	athlete	time at end of first lap/s	time at end of second lap/s	A	22.99	47.04	B	23.04	47.00	C	23.16	47.18	D	23.39	47.24
athlete	time at end of first lap/s	time at end of second lap/s														
A	22.99	47.04														
B	23.04	47.00														
C	23.16	47.18														
D	23.39	47.24														

10



The diagram shows the image of a clock in a plane mirror.

What time is shown?

A 02:25

B 02:35

C 09:25

D 09:35