

Pizza time answers

Pizza on the Go!

Distance (miles)	25	2.5
Time (min)	60	6

6 minutes after 18:51 is 18:57.
The driver arrives at 18:57.

Pizza HQ

Distance (miles)	0.375	1.5
Length (in.)	1	4

The distance is 1.5 miles.

Distance (miles)	18	3	1.5
Time (min)	60	10	5

5 minutes after 18:47 is 18:52.
The rider arrives at 18:52.

Pizza Perfect

Distance (miles)	12	1	0.8
Time (min)	60	5	4

4 min + 10 min = 14 min
14 min after 18:40 is 18:54.
The cyclist arrives at 18:54.

Pizza on the Go! will deliver the pizza closest to 19:00.

Challenge:

Pizza on the Go!

Temperature drop (°C)	1	3
Time (min)	2	6

$$90^{\circ}\text{C} - 3^{\circ}\text{C} = 87^{\circ}\text{C}$$

Pizza HQ

Temperature drop (°C)	1	0.5	2.5
Time (min)	2	1	5

$$90^{\circ}\text{C} - 2.5^{\circ}\text{C} = 87.5^{\circ}\text{C}$$

Pizza Perfect

Temperature drop (°C)	1	7
Time (min)	2	14

$$90^{\circ}\text{C} - 7^{\circ}\text{C} = 83^{\circ}\text{C}$$