

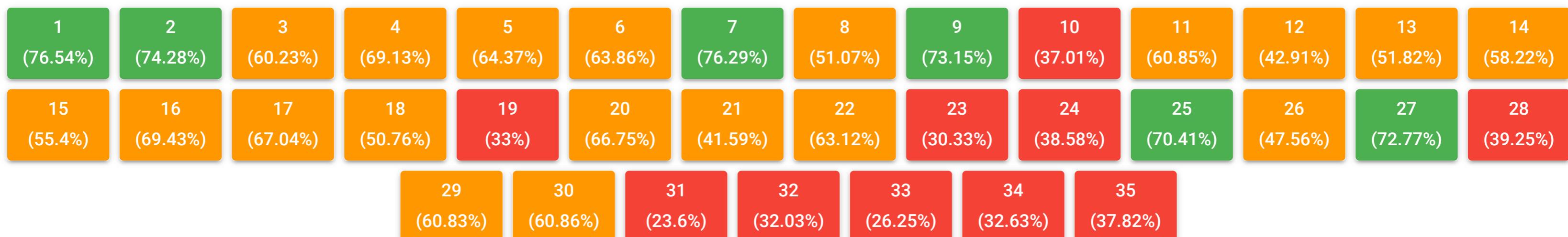


Detail

2025 Y5 T4W6 Mathematical Reasoning Test



Review

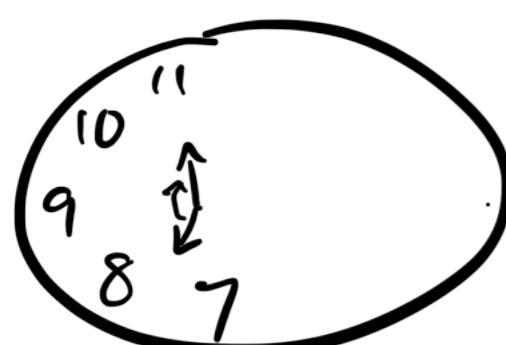


Question 23

A clock moves from 7:30pm to 11:00pm. How many degrees has the hours hand moved?



$$\begin{aligned} & \text{12 gaps in a clock} \\ & 360^\circ \text{ in a revolution} \\ & \therefore 360 \div 12 = 30^\circ \text{ per gap} \end{aligned}$$



$$\begin{aligned} 3.5 \text{ gaps} &= 30 \times 3 + \frac{1}{2} \times 30 \\ &= 90 + 15 \\ &= 105^\circ \end{aligned}$$

 1620° 1260° 135° 105° 95°

Correct answer:

105°

Hint:

Hour hand moves in 1 hour = $360 \div 12 = 30^\circ$ $11:00 - 7:30 = 3.5 \text{ hr}$ $30 \times 3.5 = 105^\circ$ 

Session



Registrations



Report

