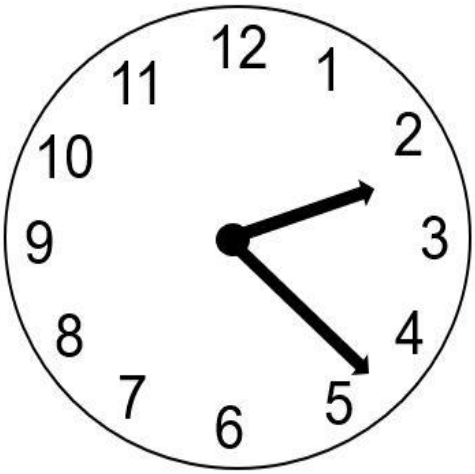
# Gordon Burgin's Puzzles

## Month 2024 challenge

### Puzzle One

On the clock below, the time shown is 14:23:30. Can you determine the exact angle, in degrees, that the hour and minute hands make at this time?




### Puzzle Two

Under his new contract, Murray's annual salary will increase by $4,000 each year after the 1st year. If his total annual salary projected over next 12 years is $1,266,580, and on his 10th year he is to receive a special bonus of 10% on his annual salary. What is his annual starting salary and also what is his projected salary for 12th year?

### Puzzle Three

What is the sum of 1+11+111+1111+11111+111111……up to 100 digits of 1?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