A Maths Question, PSLE 2016

Johanna had to print 200 copies of a newspaper. Every day from Mondays to Fridays, she printed 8 copies. On Saturdays and Sundays, she will print 15 copies. If she started printing on a Friday, what was the day she finished printing?

<< Calendar Maths >>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					8	15
15	8	8	8	8		

<Writing>

Johanna prints 70 copies in a week from Friday to Thursday as shown in the table.

5 × 8 + 2 × 15 = 70 (copies)   → per week

200 ÷ 70 = 2 (weeks) R 60 (copies)

If we check the remainder,

8 + 15 + 15 + 8 + 8 + 8 = 62 (copies)
↑   ↑   ↑   ↑   ↑   ↑
F   S   S   M   T   <u>W</u>   → Johanna finished printing 200 copies on Wednesday.

Answer <u>Wednesday</u>