

**33** Lisa has three jobs: walking the family dog, washing the dishes, and vacuuming.

- She walks the family dog once every 3 days.
- She washes the dishes once every 4 days.
- She vacuums once every 6 days.

The calendar below shows that Lisa did all three jobs on Monday the 2nd.

**Calendar**

S	M	T	W	Th	F	S
1	Dog 2 Dishes Vacuum	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

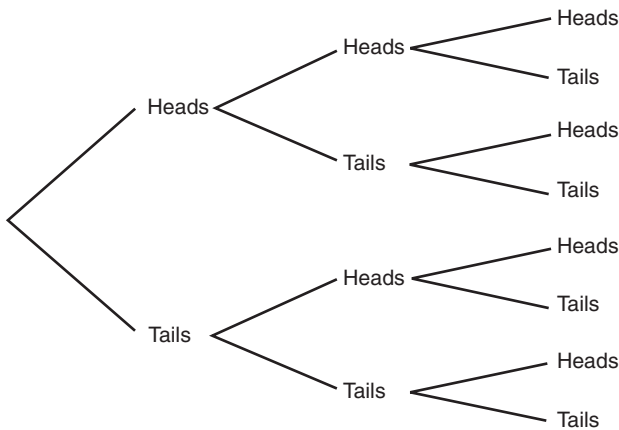
On which day will Lisa again do all three jobs on the same day?

- A. Thursday the 5th
- B. Saturday the 14th
- C. Wednesday the 18th
- D. Tuesday the 24th

34 What is the prime factorization of 72?

- A.  $2 \times 3^2 \times 4$
- B.  $2^2 \times 3^3$
- C.  $2^3 \times 3^2$
- D.  $2^4 \times 3^2$

35 Tess will toss a fair coin 3 times. The possible results are illustrated in the tree diagram below.



Based on the information given in the tree diagram, in how many ways (outcomes) can Tess toss **at least 2 heads**?

- A. 2
- B. 3
- C. 4
- D. 5

36 The radius of a circular table is 13 inches. What is the diameter of the table?

- A. 6.5 inches
- B. 13 inches
- C. 15 inches
- D. 26 inches