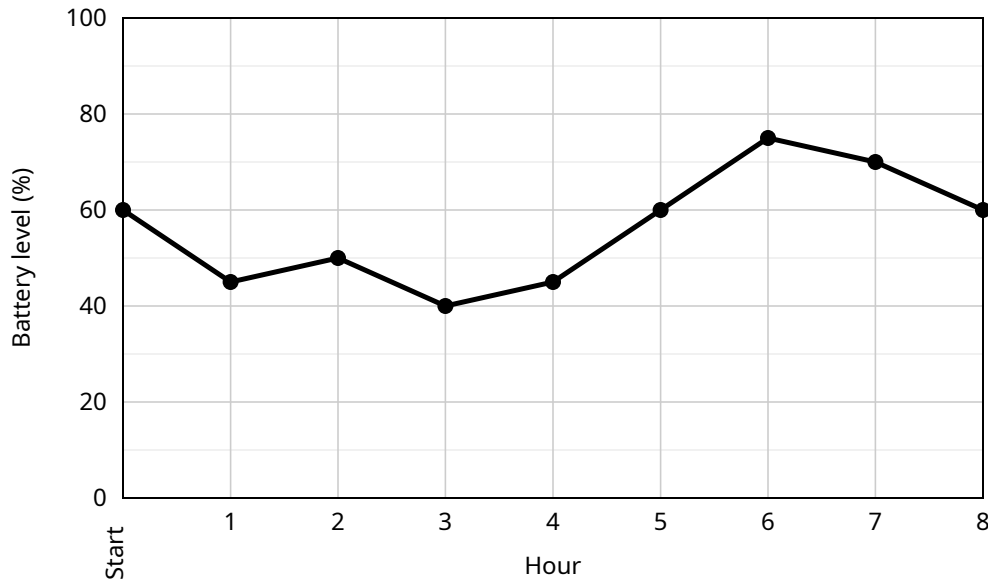




Chart Reading - set samples - paper 1

Read the chart carefully and answer the question.

1. The graph shows the battery level of a smartphone over an 8-hour period.

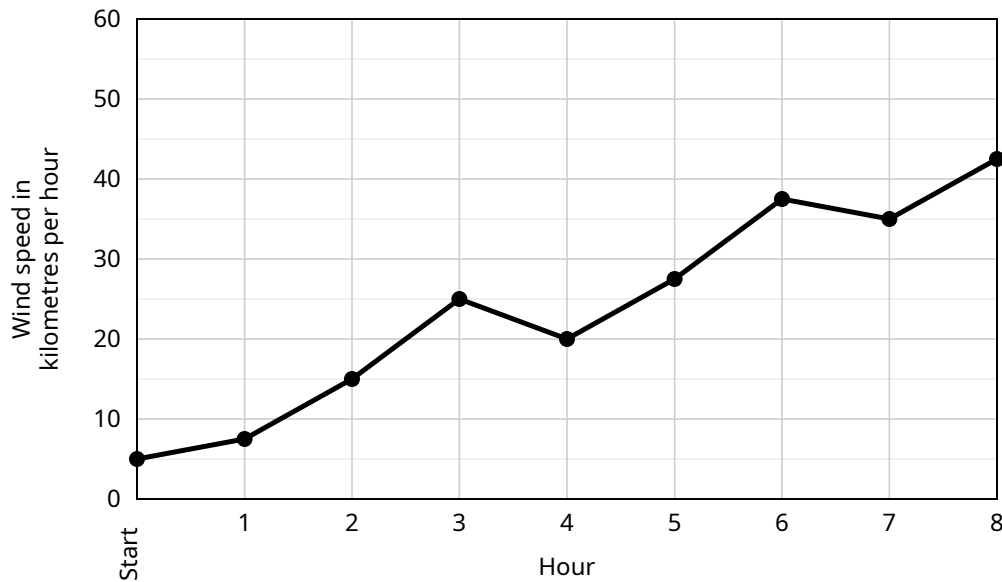


At the end of which hour did the smartphone's battery level decrease the most?

- A 6 hours B 3 hours C 7 hours D 1 hour E 5 hours

ans _____

2. The graph shows the wind speed in a coastal town over an 8-hour period.



At the end of which hour did the wind speed have the smallest positive increase?

- A 3 hours B 2 hours C 5 hours D 1 hour E 7 hours

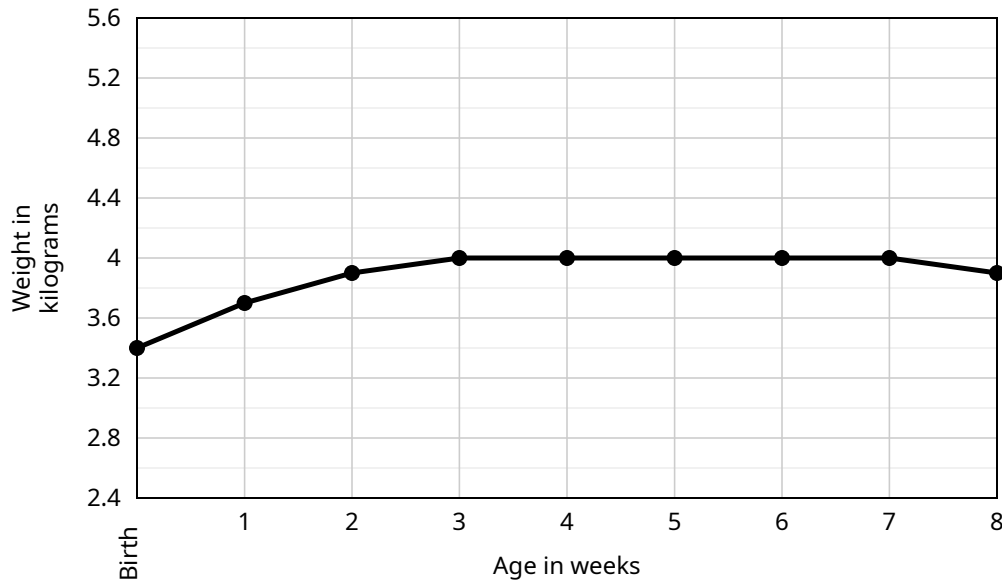
ans _____



Chart Reading - set samples - paper 2

Read the chart carefully and answer the question.

3. The graph shows the changes in a baby boy's weight during his first 8 weeks of life.



At the end of which week did the baby's weight have the smallest positive gain?

- A 1 week B 2 weeks C 6 weeks D 5 weeks E 3 weeks

ans _____



Chart Reading - set samples - Answers

1.

Hour	Start	1	2	3	4	5	6	7	8
Value	60	45	50	40	45	60	75	70	60

H1 (Start-1): $45 - 60 = -15\%$ (decrease)

H2 (1-2): $50 - 45 = +5\%$

H3 (2-3): $40 - 50 = -10\%$ (decrease)

H4 (3-4): $45 - 40 = +5\%$

H5 (4-5): $60 - 45 = +15\%$

H6 (5-6): $75 - 60 = +15\%$

H7 (6-7): $70 - 75 = -5\%$ (decrease)

H8 (7-8): $60 - 70 = -10\%$ (decrease)

Greatest decrease: H1 (Start-1), drop of 15 %.

Answer: **D** (1 hour)

2.

Hour	Start	1	2	3	4	5	6	7	8
Value	5	7.5	15	25	20	27.5	37.5	35	42.5

H1 (Start-1): $7.5 - 5 = +2.5$ km/h

H2 (1-2): $15 - 7.5 = +7.5$ km/h

H3 (2-3): $25 - 15 = +10$ km/h

H4 (3-4): $20 - 25 = -5$ km/h (decrease)

H5 (4-5): $27.5 - 20 = +7.5$ km/h

H6 (5-6): $37.5 - 27.5 = +10$ km/h

H7 (6-7): $35 - 37.5 = -2.5$ km/h (decrease)

H8 (7-8): $42.5 - 35 = +7.5$ km/h

Smallest positive increase: H1 (Start-1), gain of 2.5 km/h.

Answer: **D** (1 hour)

3.

Week	Birth	1	2	3	4	5	6	7	8
Value	3.4	3.7	3.9	4	4	4	4	4	3.9

W1 (Birth-1): $3.7 - 3.4 = +0.3$ kg

W2 (1-2): $3.9 - 3.7 = +0.2$ kg

W3 (2-3): $4 - 3.9 = +0.1$ kg

W4 (3-4): $4 - 4 = +0$ kg

W5 (4-5): $4 - 4 = +0$ kg

W6 (5-6): $4 - 4 = +0$ kg

W7 (6-7): $4 - 4 = +0$ kg

W8 (7-8): $3.9 - 4 = -0.1$ kg (loss)

Smallest positive gain: W3 (2-3), gain of 0.1 kg.

Answer: **E** (3 weeks)