1. A distance-time graph is flat for 10 minutes. What happened?

Distance not changing

Answer: stopped/paused

2. Which is faster: a steep segment or a shallow one?

More distance per minute

Answer: steep

3. A graph rises, flattens, then rises again. Tell the story.

Move - pause - move

Answer: walked, rested, walked on

4. A distance-from-home graph goes UP then DOWN. Story?

Down = distance shrinking

Answer: went out, came back

5. Sketch: walk 5 min, rest 5 min, walk 5 min. (3 segments)

Rise, flat, rise

Answer: rise-flat-rise sketch

6. Water fills a tub steadily, then someone gets in. Sketch the water level.

Steady rise, then a JUMP up

Answer: rise + jump + level

7. Temperature rises till noon, steady till 3, falls after. Sketch it.

Up, flat, down

Answer: up-flat-down sketch

8. Two runners: A steady the whole race; B fast start then walks. Who leads early? Sketch both.

B's line steeper first, then flattens

Answer: B leads early; A steady

9. A graph of speed (not distance!) is flat at 30, then drops to 0 in seconds. Story? ★ challenge

Flat speed = constant 30 mph

Drop to 0 = braking to a stop

Answer: cruised at 30, then stopped

10. Tell a realistic story for: distance rises fast, flat 20 min, rises slowly, then falls to zero. ★ challenge

Fast out, long stop, slow continue, return

Answer: e.g., bike out, break, tired leg, ride home