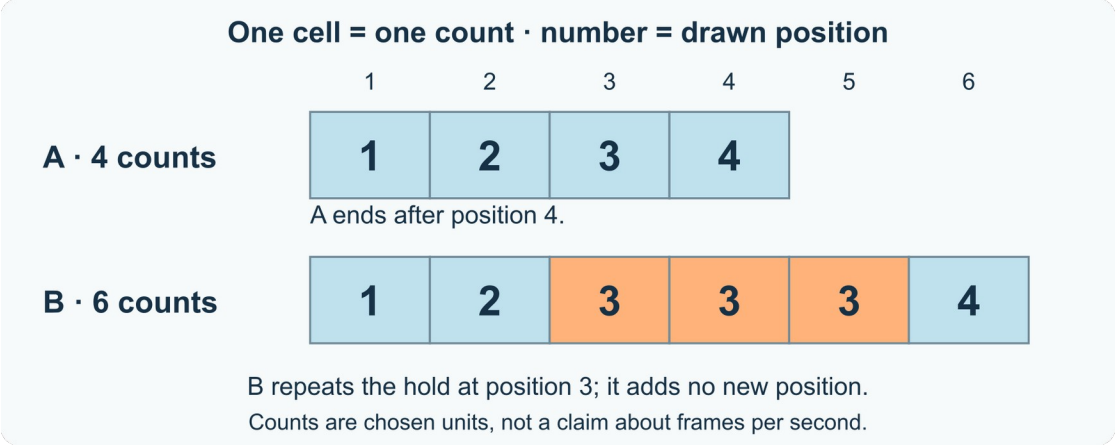
Change the timing of an invented sequence

How can the same drawn action suggest a different pace?

Compare two timing plans for the same four drawn positions.

Investigate | 10–20 minutes, or one small comparison | Scrap paper and a pencil or pen, The supplied original model; no account, purchase or online search needed

Start here Draw a dot in four positions along a line and label them 1 to 4.



Same positions, different holds

1 Keep the action fixed

Use exactly the same four drawings in plans A and B. Only the time each position is held will change.

2 Set plan A

Give each drawing one count: 1, 1, 1, 1. The sequence lasts four equal counts.

3 Set plan B

Use 1, 1, 3, 1 counts. Hold the third position for three counts. This sequence lasts six counts.

4 Compare carefully

Point or count through both plans if you want. Describe the longer hold before suggesting an effect such as a pause. Different viewers may read it differently.

Original model a travelling dot

These are paper timing plans, not measured frame rates or results from a viewer test.

• Both plans contain the same four positions in the same order.

• A totals 1 + 1 + 1 + 1 = 4 counts. B totals 1 + 1 + 3 + 1 = 6 counts.

• B holds position 3 for two extra counts. The move to position 4 is delayed.

What this example can show A count is a chosen timing unit. This comparison does not specify seconds, frames per second or a universal emotional effect.

A different way

Point through the labelled timeline, direct someone else's counting, or compare the totals silently. Performing or recording is optional.

If you want to go further

Make a five-count version without changing the four positions. Explain two different places you could add the extra count.

Something to notice

Did I change the action, its timing or both?

Read or explore more

Horizon topic Animation Timing

https://launchhorizonhq.com/learn/animation-timing/

Horizon topic Stop Motion

https://launchhorizonhq.com/learn/stop-motion/

Horizon topic Editing Continuity

https://launchhorizonhq.com/learn/editing-continuity/

ACMI Make a stop-motion animation

https://www.acmi.net.au/education/school-program-and-resources/make-stop-motion-animation/

ACMI Editing

https://www.acmi.net.au/education/school-program-and-resources/film-it-editing/