



Parallel and push-pull linkages

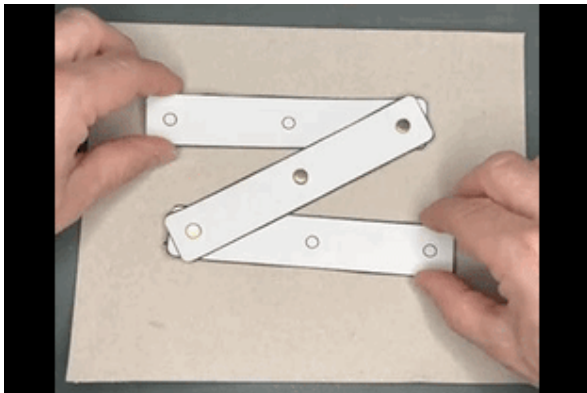
1 What is another word for a fulcrum? (Tick 1 correct answer)

- fixed pivot
- loose pivot
- pivot point
- centre point

2 Which of the following describes a lever? (Tick 1 correct answer)

- a rigid bar that does not turn
- a rigid bar that does not bend
- a rigid bar that bends when force applied

3 Complete the following sentence. A reverse motion linkage creates movement that is ... (Tick 1 correct answer)



- in the same direction.
- in opposite directions.
- in a downward direction.
- in an upward direction.

4 A reverse motion linkage contains ... (Tick 1 correct answer)

- one fixed pivot.
- two fixed pivots.
- three fixed pivots.
- four fixed pivots.
- five fixed pivots.



5 Match the definitions (Write the correct letter in each box)

a	input
b	output
c	mechanism
d	linkage

	starts the mechanism
	a set of moving parts that make something happen
	a mechanism connecting levers together
	the outcome of the mechanism

6 Which of the following is the word used to describe a mechanism that connects levers together? (Tick 1 correct answer)

- Fulcrum
- Pivot
- Linkage
- Lever