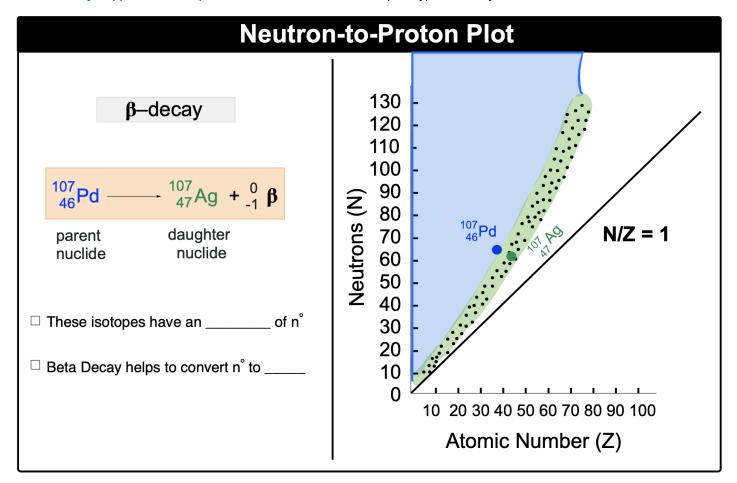
CONCEPT: BAND OF STABILITY: BETA DECAY

• Beta Decay happens for isotopes to the _____ of the Band (Valley) of Stability.



EXAMPLE: Provide the identity of the daughter nuclide created from the beta decay of magnesium-28.

a) Argon-20

b) Sodium-28

c) Phosphorus-17

d) Aluminum-28

PRACTICE: How many beta decays would it take to transform tungsten-184 into iridium-184?

a) 5

b) 1

c) 3

d) 4