

- 2) Can you work out the diameter of these new planets using the clues below?

Vesta is 10 times bigger than Athena.

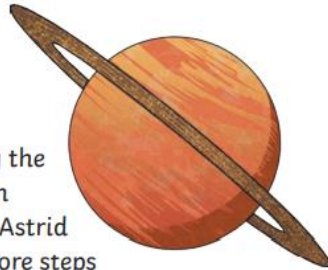
Athena has half the diameter of Vulcan.

Juno is 10 times bigger than Athena.

Ceres is 100 times bigger than Vulcan.

Vulcan is 20 530km in diameter.

Apollo is 100 times bigger than Athena.



- 3) Alan and Astrid, the astronauts, are exploring the new planet, Vulcan. Alan has travelled 763 steps. Astrid has travelled 10 times more steps than Alan and then walked another 250 steps. How many steps has she travelled?

- 2) Using the clues below, can you work out the ages of these new planets?

- Vesta is 10 times younger than Athena.
- Athena is half the age of Vulcan.
- Juno is 100 times younger than Athena.
- Ceres is 1000 times younger than Vulcan.
- Vulcan is 608 000 years old.
- Apollo is 1000 times younger than Athena.



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65km, Ceres - 2 053 000km, Vesta - 102 650km, Apollo - 1 026 500km, Vulcan - 20 530km

2) Ages of the planets in years:

Vulcan - 608 000

Apollo - 304

Vesta - 30 400

Ceres - 608

Athena - 304 000

Juno - 3040