

Fossils

Key

Total points: **70**

Question	Points	Answer
S1Q1	1	Genus Heliophyllum
Q2	1	Devonian
Q3	1	Zaphrentidae
Q4	1	It fed using its nematocysts to stun prey
Q5	1	Genus Archimedes
Q6	1	Phylum Bryozoa
Q7	1; Bonus 1	The Greek thinker Archimedes of Syracuse. Bonus: The water screw
Q8	1	Genus Lingula
Q9	1	Phylum Brachiopoda
Q10	1	Jean Guillaume Bruguière
S2Q1	1	Genus Eldredgeops. Also will accept Genus Phacops
Q2	1	Huge glabella
Q3	1	It had better vision than other trilobites
Q4	1	TRUE
Q5	1	Genus Calymene
Q6	1	Phacopida
Q7	1	13
Q8	1	Genus Isotelus
Q9	1	Ordovician
Q10	1	Isotelus rex
S3Q1	1	Class Graptolithina
Q2	1	Middle Cambrian to Carboniferous. Accept anything in between

Q3	1	Accept graptos or lithos
Q4	1	Phylum Hemichordata
Q5	1	Genus Gryphaea
Q6	1	Devil's toenails
Q7	1	TRUE
Q8	1	Genus Dactyloceras
Q9	1	Subclass Ammonoidea (Ammonoids)
Q10	1	dactyl, meaning finger
S4Q1	1	Genus Bothriolepis
Q2	1	Bothriolepididae
Q3	1	That external nasal openings lay on the dorsal side of the head near the eyes
Q4	1	They break down easily and decompose much faster than hard tissues
Q5	1	Genus Acanthostega
Q6	1	Recognizable limbs
Q7	1	TRUE
Q8	1	Order Coelacanthiformes
Q9	1	Class Sarcopterygii
Q10	1	TRUE
S5Q1	1	Genus Diplodocus
Q2	1	1877
Q3	1	Othniel Charles Marsh
Q4	1	Its forelimbs are slightly shorter than its hind limbs
Q5	1	Genus Tyrannosaurus
Q6	1	Order Saurischia
Q7	1	Western North America. Will also accept North America
Q8	1	Genus Dracorex

Q9	1	Dracorex hogwartsia
Q10	1	dragon king of Hogwarts
S6Q1	1	Species neanderthalensis
Q2	1	Eurasia
Q3	1	Any of the following: neanderthals are stockier, had shorter legs, had bigger bodies
Q4	1	Genus Dimetrodon
Q5	1	Within 50 Ma: 295-272 Ma
Q6	1	Sphenacodontidae
Q7	1	Genus Smilodon
Q8	1	Class Mammalia
Q9	1	Pleistocene epoch
Q10	1	1842
S7Q1	1	Shale
Q2	1	Compaction
Q3	1	Clastic
Q4	1	Sandstone
Q5	1	Any of the following: river, ocean, glacier, desert deposits
Q6	1	clastic
Q7	1	Coquina
Q8	1	FALSE
Q9	1	Any of the following: shells of molluscs, trilobites, brachiopods, or other invertebrates
Q10	1	organic