

PRACTICE FOR QUIZ

Structure of Organisms, and clues to survival, growth, behavior, reproduction.

Resources: Comparative Anatomy video on library page
Shape of Life: Echinoderms the Ultimate Animal - library page
Page 28 in your journal ~ 2 photocopies and Warm-Ups
Page 29 in your journal
Sand Dollar Drawing

PRACTICE

Kingdom: Anamalia

- 1 - Humans and Echinoderms both have an internal skeleton that gives our bodies structure, helps with protection, gives us shape and helps with movement. What is another name for an internal skeleton? (Shape of Life Handout p.28)
- 2 - Humans and Echinoderms do not make their own food they must _____ around to find food, escape predators, seek out mates for reproduction.
- 3 - We both have a digestive system that includes a mouth (teeth - 5 in echinoderms (urchin sand dollar), stomach and an anus.

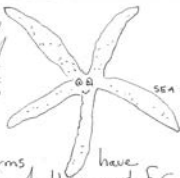
We have a brain, Echinoderms do not; they instead have a Central _____ ring and radial arms.



SAND DOLLAR



SEA URCHIN



SEA STAR

4 -

→ Echinodermata is Greek for _____ skin.

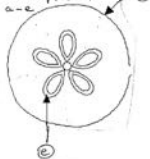
→ Most living echinoderms have 5-fold symmetry. Another word for fivefold is _____.

→ Echinoderms have hard calcium-based plates covered by a thin _____.

→ Most echinoderms have an internal canal system for exchanging _____ and _____.

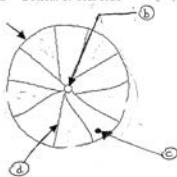
→

Top or Aboral Side
Label and write a description.
a-e



Sand Dollar

Bottom or Oral Side



→ Sand dollars have a water vascular system that's in charge of _____.

→ Where do sand dollars find their food?

→ How do sand dollars defend themselves?