Bone markings answer key

Questions 1–6 of 12. Check your answers, then revisit the terms you missed.

1. Which term names a hole through a bone?

A. Foramen

A foramen is a hole through bone. A fossa is a depression; it need not pass through the bone.

2. A marking forms a basin-like depression. Which term fits?

B. Fossa

A fossa is a depression. The mandibular fossa is an example.

3. Which marking is a relatively flat joint surface?

C. Facet

A facet is a relatively flat articular surface. Articular means relating to a joint.

4. Which term best fits a rounded articular prominence?

B. Condyle

A condyle is rounded and forms an articular surface. A facet is relatively flat.

5. Which term completes the name of the prominent rounded articular region at the proximal end of the femur?

A. Femoral head

The femoral head is the prominent rounded region. Both heads and condyles can be rounded, so the full anatomical name matters.

6. Which term is a general name for a projecting bony feature?

C. Process

A process is a projecting feature. The transverse process of a vertebra is one example.

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Questions 7–12 of 12. Check your answers, then revisit the terms you missed.

7. Which term describes a sharp, pointed process?

A. Spine

In bone-marking terminology, a spine is a sharp projection, such as the ischial spine.

8. Which term describes a small, rounded projection?

B. Tubercle

A tubercle is a small rounded projection. A crest is a ridge, while a facet is a joint surface.

9. Which description fits a tuberosity?

C. A roughened prominence

A tuberosity is a roughened prominence. The deltoid tuberosity is a named example.

10. Which bone marking forms a ridge?

D. Crest

A crest is a ridge. The iliac crest is one example.

11. Which comparison between a facet and a condyle is correct?

B. A facet is relatively flat; a condyle is rounded

Both terms can describe joint surfaces. Their shape clues help distinguish them.

12. Which pair matches the terms to their usual shape clues?

C. Tubercle — small rounded projection; tuberosity — roughened prominence

These terms describe projections. Learn the full name and location as well as the shape clue.

Definitions and examples follow OpenStax Anatomy and Physiology 2e, section 6.3. Questions written by Atlas Library. This exercise covers vocabulary, not identification on a specimen.