



Area and Perimeter Mixed Practice: Multiple Choice

Grade 4

Name: _____

Solve for area, perimeter, or both. Use formulas.

Example: Example: A stage is 12 m by 7 m $\rightarrow$ Area = $12 \times 7 = 84$ sq m. Use the same process for new scenarios.

- (1) A new rectangular exhibit at Shark Splash Adventure Park is 25 meters long and 12 meters wide. If fencing costs \$2 per meter, what is the total cost to fence the exhibit?

(A) \$296 (B) \$124 (C) \$74 (D) \$148

- (2) The park is building a rectangular pool deck that is 32 feet long and 20 feet wide. What is the area of the pool deck?

(A) 620 sq ft (B) 104 sq ft (C) 640 sq ft (D) 64 sq ft

- (3) A rectangular feeding area for the sea turtles measures 42 cm in length and 28 cm in width. What is the perimeter of the feeding area?

(A) 112 cm (B) 120 cm (C) 84 cm (D) 140 cm

- (4) A rectangular viewing window for the main shark tank is 22 meters long and 15 meters high. What is the area of the viewing window?

(A) 74 sq m (B) 330 sq m (C) 220 sq m (D) 37 sq m



(5) A rectangular coral display has an area of 240 square feet. If its length is 20 feet, what is its width?

(A) 12 ft (B) 22 ft (C) 10 ft (D) 48 ft

(6) A rectangular pathway around the dolphin show arena has a perimeter of 124 meters. If the width of the pathway is 20 meters, what is its length?

(A) 42 m (B) 84 m (C) 62 m (D) 104 m

(7) The park has two rectangular sections for new attractions. Section A is 12 meters by 20 meters. Section B is 15 meters by 18 meters. Which section has a larger area?

(A) Cannot be determined (B) Both are equal (C) Section B (D) Section A

(8) Two rectangular tanks are being considered for a new exhibit. Tank 1 is 22 feet by 10 feet. Tank 2 is 25 feet by 8 feet. Which tank has a larger perimeter?

(A) Both are equal (B) Cannot be determined (C) Tank 1 (D) Tank 2

(9) A rectangular wall for a new mural is 22 feet long and 10 feet high. If paint costs \$2 per square foot, what is the total cost to paint the wall?

(A) \$220 (B) \$440 (C) \$110 (D) \$64



(10) A rectangular display case for ancient shark teeth is 32 cm long and 18 cm wide. How much decorative border material is needed to go around the case?

- (A) 576 sq cm (B) 100 cm (C) 120 cm (D) 50 cm

