



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 → 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) \$74 (B) \$148 (C) \$296 (D) \$124
- (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) 104 sq ft (B) 64 sq ft (C) 640 sq ft (D) 620 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) 140 cm (B) 84 cm (C) 112 cm (D) 120 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) 37 sq m (D) 220 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) 10 ft (B) 12 ft (C) 22 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) 62 m (C) 84 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) Section A (B) Section B (C) Both are equal (D) Cannot be determined
- (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) Tank 1 (B) Tank 2 (C) Both are equal (D) Cannot be determined
- (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) \$64 (D) \$110
- (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) 50 cm (B) 100 cm (C) 576 sq cm (D) 120 cm

