



Area and Perimeter Mixed Practice: Multiple Choice

Grade 3

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 rectangular garden is 12 feet long and 7 feet wide. What is its perimeter?

- (A) 31 feet (B) 84 square feet (C) 38 feet (D) 19 feet

(2) A rectangular rug is 9 meters long and 6 meters wide. What is the area of the rug?

- (A) 24 square meters (B) 30 meters (C) 15 square meters (D) 54 square meters

(3) A rectangular play area is 15 yards long and 8 yards wide. Fencing costs \$3 per yard. How much will it cost to fence the entire play area?

- (A) \$138 (B) \$360 (C) \$49 (D) \$69

(4) A classroom floor is 11 feet long and 9 feet wide. If square tiles that are 1 foot by 1 foot are used to cover the floor, how many tiles are needed?

- (A) 31 tiles (B) 99 tiles (C) 20 tiles (D) 40 tiles



(5) A rectangular swimming pool has a perimeter of 48 meters. If its length is 14 meters, what is its width?

(A) 34 meters (B) 10 meters (C) 62 meters (D) 24 meters

(6) A small park is 13 meters long and 7 meters wide. A picnic blanket is 3 meters long and 2 meters wide. How much larger is the area of the park than the picnic blanket?

(A) 91 square meters (B) 6 square meters (C) 97 square meters (D) 85 square meters

(7) Sarah wants to put a ribbon border around a rectangular picture frame that is 16 inches long and 11 inches wide. How much ribbon does she need?

(A) 27 inches (B) 176 inches (C) 43 inches (D) 54 inches

(8) A rectangular bulletin board has an area of 72 square feet. If its width is 8 feet, what is its length?

(A) 9 feet (B) 576 feet (C) 80 feet (D) 64 feet



(9) A rectangular patch of grass is 14 feet long and 5 feet wide. If it costs \$2 to fertilize each square foot, what is the total cost to fertilize the grass?

(A) \$72 (B) \$140 (C) \$70 (D) \$38

(10) A square window has sides that are each 9 inches long. What is the perimeter of the window?

(A) 13 inches (B) 18 inches (C) 36 inches (D) 81 inches

