



Perimeter Word Problems: Multiple Choice

Grade 5

Name: _____

Find perimeter of rectangular festival scenes.

Example: Example: A walkway 14 m by 6 m has perimeter $2 \times (14 + 6) = 40$ meters.

(1) The Shark Tank Viewing Area is a rectangle measuring 25 m by 15 m. If safety rope costs \$3.50 per meter, what is the total cost to border the area? 🐋

(A) \$280.00 (B) \$140.00 (C) \$80.00 (D) \$245.00

(2) The Coral Reef Exhibit Border is a rectangle measuring 30.5 m by 10 m. If decorative lights cost \$2.00 per meter, what is the total cost for the lights? 🐠

(A) \$162.00 (B) \$81.00 (C) \$141.00 (D) \$151.00

(3) The Dolphin Show Arena is a rectangle measuring 40 m by 20.5 m. If security fencing costs \$4.25 per meter, what is the total cost for the fencing? 🐬

(A) \$514.25 (B) \$121.00 (C) \$257.12 (D) \$484.00

(4) The Sea Turtle Sanctuary Path is a rectangle measuring 18.25 m by 8 m. If guiding ropes cost \$1.80 per meter, what is the total cost for the ropes? 🐢

(A) \$94.50 (B) \$52.50 (C) \$72.90 (D) \$90.00

(5) The Jellyfish Lagoon Walkway is a rectangle measuring 22 m by 11.5 m. If non-slip matting border costs \$2.75 per meter, what is the total cost? 🐙

(A) \$184.25 (B) \$67.00 (C) \$178.50 (D) \$191.00



- (6) The Crab Crawl Zone is a rectangle measuring 16.5 m by 9 m. If protective netting costs \$3.00 per meter, what is the total cost for the netting? 🦀
- (A) \$153.00 (B) \$51.00 (C) \$138.00 (D) \$165.00
- (7) The Clownfish Cafe Patio is a rectangle measuring 28 m by 12.5 m. If decorative railing costs \$1.50 per meter, what is the total cost for the railing? 🌞
- (A) \$121.50 (B) \$81.00 (C) \$110.50 (D) \$120.00
- (8) The Ocean Explorer's Dock is a rectangle measuring 35.5 m by 14 m. If mooring ropes cost \$4.00 per meter, what is the total cost for the ropes? ⚓
- (A) \$396.00 (B) \$99.00 (C) \$376.00 (D) \$400.00
- (9) The Starfish Touch Pool Area is a rectangle measuring 19 m by 7.5 m. If a gentle barrier costs \$2.20 per meter, what is the total cost for the barrier? ★
- (A) \$116.60 (B) \$53.00 (C) \$106.00 (D) \$120.00
- (10) The Penguin Play Zone is a rectangle measuring 24.5 m by 10 m. If safety fence costs \$3.80 per meter, what is the total cost for the fence? 🐧
- (A) \$262.20 (B) \$69.00 (C) \$250.00 (D) \$270.00

