

Grade 5 Math Worksheet

Using Area and Perimeter to Determine Cost

Name: _____ Date: _____

Part A: Multiple Choice

1. A rectangular garden is 8 m by 5 m. Grass costs \$4 per m^2 . What is the total cost? A. \$52 B. \$80 C. \$160 D. \$260
2. A yard is 10 m by 6 m. Fencing costs \$5 per m. What is the cost? A. \$80 B. \$120 C. \$160 D. \$200
3. A square playground has side 7 m. Flooring costs \$6 per m^2 . Total cost? A. \$42 B. \$196 C. \$294 D. \$336
4. A floor is 12 m by 4 m. Tiles cost \$3 per m^2 . Cost? A. \$48 B. \$96 C. \$144 D. \$192
5. A field is 15 m by 10 m. Fence costs \$2 per m. Cost? A. \$50 B. \$100 C. \$120 D. \$300

Part B: Short Answer

6. Wall 9 m by 3 m. Paint costs \$2 per m^2 . Cost: _____
7. Square garden side 6 m. Fence costs \$4 per m. Cost: _____
8. Carpet 5 m by 4 m. Costs \$7 per m^2 . Cost: _____
9. Land 20 m by 8 m. Fence costs \$3 per m. Cost: _____
10. Pool 10 m by 5 m. Tiles cost \$8 per m^2 . Cost: _____

Bonus

11. Park 12 m by 9 m. Grass costs \$5 per m^2 and fence costs \$3 per m. Total cost: _____