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**85%**

Points: 17 out of 20

Duration: 00:31:03

Date started: Wed 14 Apr '21 11:06pm

Date finished: Wed 14 Apr '21 11:37pm

**AREA AND PERIMETER TEST****Area and Perimeter test****Statistics by Category**

## Answers

✓ Correctly answered ✗ Incorrectly answered ➡ Missed correct option

All Questions | 17 Correct | 2 Incorrect | 1 Unanswered

**Question 1 of 20**

Elementary Math

Jill is going to put a fence around her square garden in her backyard. One side of the garden measures 5.2 feet. How many feet of fencing should Jill buy so the fence fits perfectly around her garden?

Correct answer: **B)**Selected answer: **B)****A)** 21.2 feet✓ **B)** 20.8 feet**C)** 20.08 feet**D)** 22.1 feet**Points:** 1 out of 1**Question 2 of 20**

Elementary Math

For warm-ups, Abby's swim coach makes her swim around a rectangular pool with sides measuring 16 feet and 18 feet. What length does she swim in total for warm-ups?

Correct answer: **B)**Selected answer: **B)****A)** 56 feet✓ **B)** 68 feet**C)** 64 feet**D)** 52 feet**Points:** 1 out of 1**Question 3 of 20**

Elementary Math

Axel wants to frame a picture whose length is 5 inches and width is 7 inches. How much framing will he need?

Correct answer: **D)**  
Selected answer: **D)**

- A) 35 inches
- B) 32 inches
- C) 28 inches
- ✓ D) 24 inches

**Points:** 1 out of 1

### Question 4 of 20

Elementary Math

Melissa went to on a run. If she ran 4 times around a circular track with a radius of 7 yards, what length did she run in total? Write your answer in terms of pi.

Correct answer: **A)**  
Selected answer: **A)**

- ✓ A)  $56\pi$  yards
- B)  $24\pi$  yards
- C)  $38\pi$  yards
- D)  $66\pi$  yards

**Points:** 1 out of 1

### Question 5 of 20

Elementary Math

The perimeter of a rectangle is 30 inches. If the length is 2 times the width, find the length and the width.

Correct answer: **C)**  
Selected answer: **C)**

- A) 4 and 8 inches
- B) 6 and 12 inches
- ✓ C) 5 and 10 inches
- D) 7 and 14 inches

**Points:** 1 out of 1

### Question 6 of 20

Elementary Math

An equilateral triangle has a perimeter of 54 cm. What is the length of one side of the triangle?

Correct answer: **D)**  
Selected answer: **D)**



- A) 17 cm
- B) 19 cm
- C) 16 cm
- ✓ D) 18 cm

**Points:** 1 out of 1**Question 7 of 20**

Elementary Math

The perimeter of a regular octagon is 104 inches. What is the length of one side of the octagon?

Correct answer: **A)**  
Selected answer: **B)**


-  **A)** 13 inches
-  **B)** 14 inches
- C)** 12 inches
- D)** 18 inches

**Points:** 0 out of 1**Question 8 of 20**

Elementary Math

Jan built a pool that has an area of 84 square feet and a width of 12 feet. What is the length and perimeter of the pool?

Correct answer: **C)**  
Selected answer: **C)**


- A)** Length: 8 feet  
Perimeter: 40 feet
- B)** Length: 6 feet  
Perimeter: 36 feet
-  **C)** Length: 7 feet  
Perimeter: 38 feet
- D)** Length: 9 feet  
Perimeter: 42 feet

**Points:** 1 out of 1**Question 9 of 20**

Elementary Math

Chloe biked on a triangular trail. The sides measure 6.2 miles, 7.5 miles, and 8.3 miles. Find the total distance he had to bike to complete the trail.

Correct answer: **D)**  
Selected answer: **D)**

- A)** 21.3 miles
- B)** 20 miles
- C)** 22.4 miles
-  **D)** 22 miles

**Points:** 1 out of 1**Question 10 of 20**

Elementary Math

Clara buys a circular dining table. The radius of the table is 4.3 feet. What is the circumference of the table? Write your answer in terms of pi.

Correct answer: **A)**  
Selected answer: **A)**

- ✓ **A)**  $8.6\pi$  feet  
**B)**  $12.2\pi$  feet  
**C)**  $11.1\pi$  feet  
**D)**  $16.7\pi$  feet

**Points:** 1 out of 1

### Question 11 of 20

Generic

What is the area ( $\text{cm}^2$ ) of a rectangle with length 18 cm and width 8 cm ?

Correct answer: **B)**  
Selected answer: **B)**

- A)** 154  
✓ **B)** 144  
**C)** 114  
**D)** 120

**Points:** 1 out of 1

### Question 12 of 20

Generic

What is the area ( $\text{cm}^2$ ) of a square shaped garden with side 16 cm ?

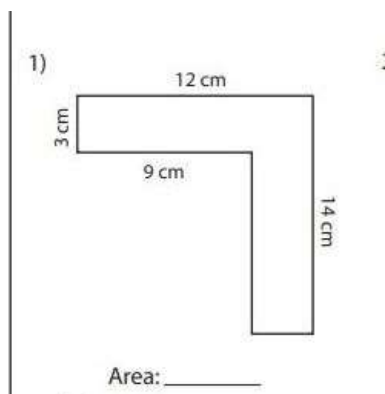
Correct answer: **C)**  
Selected answer: **C)**

- A)** 156  
**B)** 456  
✓ **C)** 256  
**D)** 302

**Points:** 1 out of 1

### Question 13 of 20

Generic



Find the area of this figure.

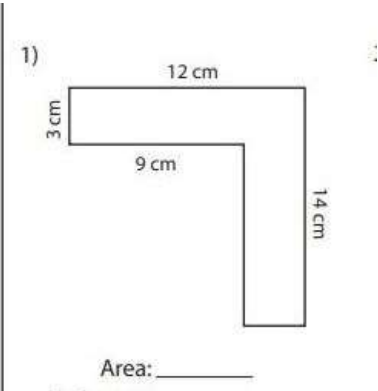
Correct answer: **B)**  
Selected answer: **B)**

- A) 89
- ✓ B) 69
- C) 100
- D) 98

Points: 1 out of 1

Question 14 of 20

Generic



Find the perimeter of this figure.

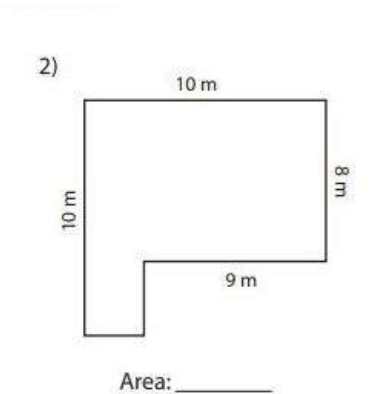
Correct answer: **D)**  
Selected answer: **B)**

- A) 42
- ✗ B) 53
- C) 47
- ➔ D) 52

Points: 0 out of 1

Question 15 of 20

Generic



Find the area of this figure.

Correct answer: **C)**  
Selected answer: **C)**

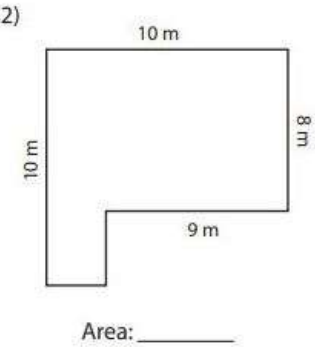
- A) 72
- B) 62
- ✓ C) 82

D) 64

Points: 1 out of 1

Question 16 of 20

Generic



Find the perimeter of this figure.

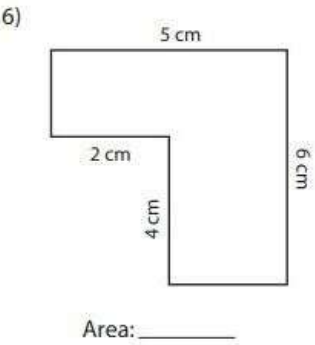
Correct answer: D)  
Selected answer: D)

- A) 50
- B) 30
- C) 52
- ✓ D) 40

Points: 1 out of 1

Question 17 of 20

Generic



Find the area of this figure.

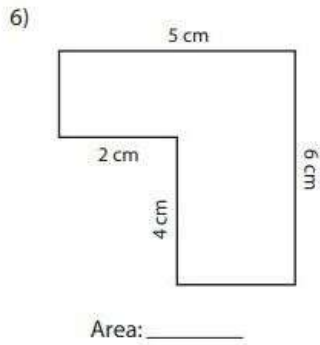
Correct answer: C)  
Selected answer: C)

- A) 12
- B) 13
- ✓ C) 22
- D) 24

Points: 1 out of 1

**Question 18 of 20**

Generic



Find the perimeter of this figure.

Correct answer: C)

Selected answer: No answer given

A) 14

B) 18

→ C) 22

D) 47

Points: 0 out of 1

**Question 19 of 20**

Generic

Find the cost of fencing a square block of land with side length 75m if the fence costs \$14 per metre.

Correct answer: B)

Selected answer: B)

A) 4125

✓ B) 4200

C) 542

D) 489

Points: 1 out of 1

**Question 20 of 20**

Generic

Find the area of a square with side 25cm.

Correct answer: C)

Selected answer: C)

A) 556

B) 525

✓ C) 625

D) 634

Points: 1 out of 1