

Area

Long-Term Memory Review

Review 1

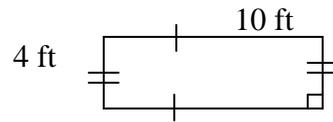
1. To find the perimeter of any shape you _____ all sides of the shape.
2. To find the area of a square, you _____ the length and width.
3. Explain the difference between perimeter and area.

4. What best identifies the following shape. Find the area and perimeter of the shape.

a) Name of the shape: _____

b) Area of the shape: _____

c) Perimeter of the shape: _____

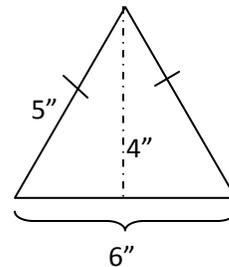


Area

Long-Term Memory Review Review 2

1. Tell how you would find the perimeter of a triangle.
2. To find the area of a square you need to _____ the length and the _____.
3. Explain the difference between perimeter and area.
4. The correct word used to describe the perimeter of a circle is _____.
5. What best identifies the following shape? Find the area and perimeter of the shape.

- a) Name of the shape: _____
- b) Area of the shape: _____
- c) Perimeter of the shape: _____



6. Estimate the area of a circle with diameter of 8 *cm* (Round π to the nearest whole number).
A. 24 *cm*² B. 25 *cm*² C. 48 *cm*² D. 192 *cm*²

Area

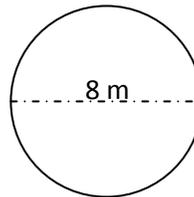
Long-Term Memory Review

Review 3

1. To find the perimeter of a trapezoid you need to _____ all the sides.
2. To find the area of a square you need to _____ the length and the _____.
3. Explain the difference between perimeter and area.
4. Carlos is putting new carpet in his rectangular family room. The room measures 12 ft by 15 ft. The carpet he wants is \$16 per square yard. How much is his new carpet going to cost? (HINT: Check your units. There are 9 square feet in 1 square yard)

5. What best identifies the following shape. Find the area and perimeter of the shape. Leave answers in terms of π .

- a) Name of the shape: _____
- b) Area of the shape: _____
- c) Perimeter of the shape: _____



6. The area of a rectangular garden is 36 square yards. What could be possible integer measures of the length and width of the garden in yards? (HINT: Check your units)
 - a) Length: _____
 - b) Width: _____
 - c) Is there more than one possible size for the garden?

Area

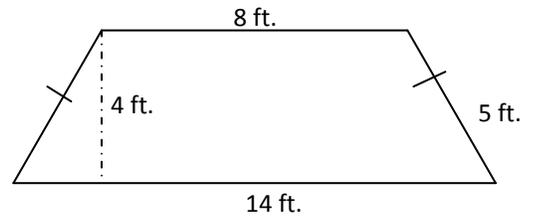
Long-Term Memory Review

Review 4

1. Tell how you would find the perimeter of any shape.
2. To find the area of a square you need to _____ the length and the _____.
3. Explain the difference between perimeter and area.
4. What is the formula for area of a triangle? _____

5. What best identifies the following shape. Find the area and perimeter of the shape.

- a) Name of the shape: _____
- b) Area of the shape: _____
- c) Perimeter of the shape: _____



6. Jena wants to construct a rectangular pen for her chickens. The pen has an area of 72 m^2 . What choice best describes the integer length and width of the pen that uses the least amount of fencing to construct?
A. 36 m by 2 m B. 72 m by 1 m C. 12 m by 6 m D. 9 m by 8 m
7. Carlos is putting new carpet in his rectangular family room. The room measures 12 ft by 15 ft . The carpet he wants is \$18 per square yard. How much is his new carpet going to cost?
(HINT: Check your units)

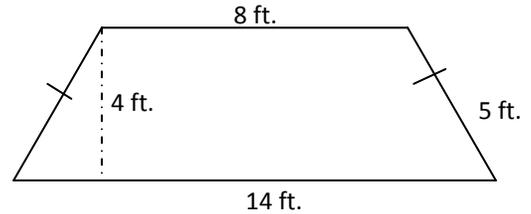
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Long-Term Memory Review

Quiz

1. Tell how you would find the perimeter of a rectangle.
2. Tell how you would find the area of a rectangle.
3. Explain the difference between perimeter and area.
4. What is the formula for area of a triangle? _____
5. What best identifies the following shape. Find the area and perimeter of the shape.

- a) Name of the shape: _____
- b) Area of the shape: _____
- c) Perimeter of the shape: _____



6. Find the area and the circumference for a circle with radius of 4 cm.
 - a) Area of the shape: _____
 - b) Circumference of the shape: _____
7. Jena wants to build a fence around her garden that measures 12m by 8m. How much fence should she buy?
A. 20 m B. 40 m C. 60 m C. 96 m
8. Carlos is putting new carpet in his rectangular family room. The room measures 10 *ft* by 18 *ft*. The carpet he wants is \$20 per square yard. How much is his new carpet going to cost?

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ANSWERS

Review 1 – Answers

1. add
2. multiply (or square a side length)
3. Perimeter – distance around the object. Area – amount to cover the object.
4. a) rectangle b) 40 ft^2 c) 28 ft

Review 2 – Answers

1. Add the lengths of the three sides.
2. multiply the length and the width.
3. Perimeter – distance around the object. Area – amount to cover the surface of the object.
4. circumference
5. a) triangle b) 12 in^2 c) 16 inches
6. C. 48 cm^2

Review 3 – Answers

1. add the lengths of the sides.
2. multiply the length and the width.
3. Perimeter – distance around the object. Area – amount to cover the surface of the object.
4. The room surface is 180 ft^2 (12 ft times 15 ft). There are 9 ft^2 in 1 yd^2 . So there are 20 square yards. The carpet will cost \\$320
5. a) circle b) 16π c) 8π
6. a) Length 9 yards b) Width: 4 yards c) Yes, is more than one possible size.

Review 4 – Answers

1. Add the lengths of each of the sides of the shape.
2. multiply the length and the width.
3. Perimeter – distance around the object. Area – amount to cover the surface of the object.
4. $A = \frac{1}{2}bh$ (Area = one-half of the base times the height.)
5. a) trapezoid b) 44 ft^2 c) 32 ft
6. D.
7. \\$360

Quiz – Answers

1. Add the lengths of each of the sides of the rectangle.
2. multiply the length and the width.
3. Perimeter – distance around the object. Area – amount to cover the surface of the object.
4. $A = \frac{1}{2}bh$ (Area = one-half of the base times the height.)
5. a) trapezoid b) 44 ft^2 c) 32 ft
6. B.
7. \\$400