

Area and Perimeter

Pre-Check: show what you know.

Score _____ / 6

1. Add or multiply. Write each answer as a mixed number.

$$2\frac{1}{5} + 1\frac{3}{5} = \boxed{}$$

$$3 \times \frac{2}{5} = \boxed{}$$

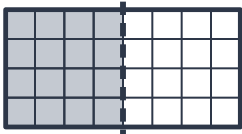
2. Find the area and the perimeter of the rectangle.



$$A = \underline{\hspace{2cm}} \text{ sq m}$$

$$P = \underline{\hspace{2cm}} \text{ m}$$

3. The rectangle is cut into two equal halves. Find the area of the rectangle and of the shaded half.



$$\text{Rectangle} = \underline{\hspace{2cm}}$$

$$\text{Half} = \underline{\hspace{2cm}} \text{ square units}$$

4. Multiply.

$$19 \times 6 = \underline{\hspace{2cm}}$$

$$26 \times 14 = \underline{\hspace{2cm}}$$

5. Circle the unit for each measure.

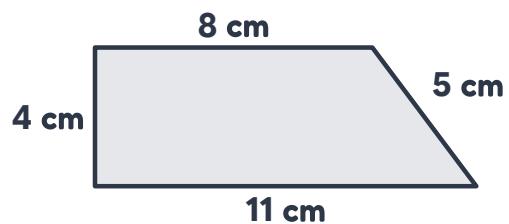
How long a fence around a yard is

feet square feet

How much floor a rug covers

feet square feet

6. Add the sides to find the perimeter.



$$P = \underline{\hspace{2cm}} \text{ cm}$$

Area and Perimeter

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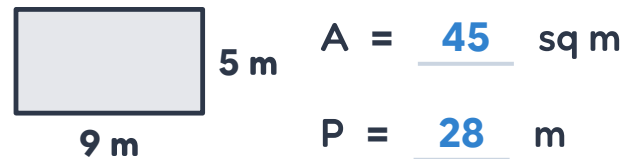
1. Add or multiply. Write each answer as a mixed number.

$$2\frac{1}{5} + 1\frac{3}{5} = 3\frac{4}{5}$$

$$3 \times \frac{2}{5} = 1\frac{1}{5} \text{ or } \frac{6}{5}$$

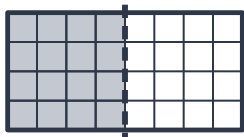
Lesson 13.1 · Fraction and decimal side lengths

2. Find the area and the perimeter of the rectangle.



Lesson 13.2 · Shapes made of rectangles

3. The rectangle is cut into two equal halves. Find the area of the rectangle and of the shaded half.



Rectangle = 32

Half = 16

square units

Lesson 13.3 · Area of right triangles

4. Multiply.

$$19 \times 6 = \underline{114}$$

$$26 \times 14 = \underline{364}$$

Lesson 13.4 · Parallelograms and triangles

5. Circle the unit for each measure.

How long a fence around a yard is

feet

square feet

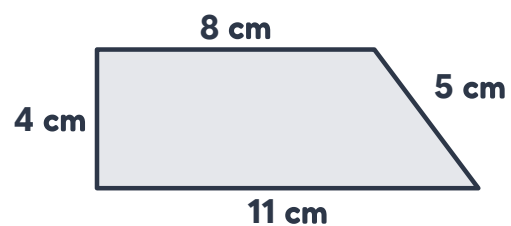
How much floor a rug covers

feet

square feet

Lesson 13.5 · Trapezoids and stories

6. Add the sides to find the perimeter.



$$P = \underline{28} \text{ cm}$$

Lesson 13.6 · Estimate perimeters