

Geometry Honors 1 4 Basic Perimeter and Area Formulas

Lesson 034 | Geometry | Area and perimeter

https://www.youtube.com/watch?v=5xCh_EaxV4k

Original practice aligned to the saved video title.

Name: _____ Date: _____ Show your reasoning.

01

A rectangle has length 7 cm and width 10 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

02

A rectangle has length 13 cm and width 5 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

03

A rectangle has length 14 cm and width 3 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

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04

A rectangle has length 6 cm and width 11 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

05

A rectangle has length 13 cm and width 12 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

06

A rectangle has length 18 cm and width 12 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

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01

A rectangle has length 7 cm and width 10 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

Rectangle perimeter $2(7+10)=34$ cm; area= 70 cm^2 . Triangle area is half: 35 cm^2 .

02

A rectangle has length 13 cm and width 5 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

Rectangle perimeter $2(13+5)=36$ cm; area= 65 cm^2 . Triangle area is half: $65/2 \text{ cm}^2$.

03

A rectangle has length 14 cm and width 3 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

Rectangle perimeter $2(14+3)=34$ cm; area= 42 cm^2 . Triangle area is half: 21 cm^2 .

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04

A rectangle has length 6 cm and width 11 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

Rectangle perimeter $2(6+11)=34$ cm; area= 66 cm^2 . Triangle area is half: 33 cm^2 .

05

A rectangle has length 13 cm and width 12 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

Rectangle perimeter $2(13+12)=50$ cm; area= 156 cm^2 . Triangle area is half: 78 cm^2 .

06

A rectangle has length 18 cm and width 12 cm. Find perimeter and area; then find the area of a triangle with the same base and height.

Rectangle perimeter $2(18+12)=60$ cm; area= 216 cm^2 . Triangle area is half: 108 cm^2 .