

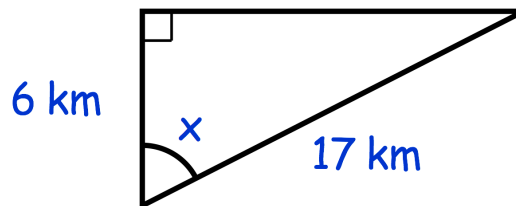


The first two terms of a geometric progression are

6 42

Write down the third term.

Calculate the size of angle x .



A regular polygon has 30 sides.

Calculate the size of each interior angle.

Solve the simultaneous equations

$$6x + 3y = 45$$

$$2x - 2y = 12$$

Write $1000 \times (10^4)^2$ in the form 10^x