

Algebra practice: working with exponents

The kinds of manipulations that you'll do below will help you when you work with geometric series. Re-write each of the expressions in the form ar^n .

$$(1) \frac{6^n}{7^{n+4}}$$

$$(2) \frac{3^{n+2}}{7^n}$$

$$(3) \frac{2^{n+2}}{5^{n+1}}$$

$$(4) 3^{-n}2^n$$

$$(5) 6^24^{-n-1}$$

$$(6) \frac{5}{19^{n+1}}$$