

Express 81 as a product of its prime factors



- Draw the next pattern in the sequence
- Find the  $n$ th term

**SIMPLIFY:**

A)  $P^2 \times P^6$

B)  $P^9 \div P^4$

**Simplify:**

a)  $6x + g - 5x - 4g$

b)  $5p - 2k + 2p - 3k$

Emily is having a party. Cups come in packs of 15 and drinks come in packs of 6. How many packs of each will Emily need to buy so that she has no spares?

**Expand:**

a)  $3b(2b + 5)$

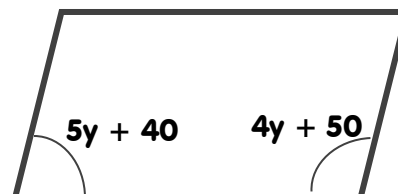
b)  $(2x + 4)(x + 2)$

**244 Children are on a school trip, there are 19 seats on a coach. How many coaches are needed?**

Solve:  $5x - 7 = 2x + 5$

**Calculate  $1.34 \times 3.5$**

**Find the value of  $y$**



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