

1. Complete **both** prime factor trees to work out 4^2

Quick: $4^2 = \dots\dots$

Easier: $2^4 = 4^2 = \dots\dots$

2. Complete **both** prime factor trees to work out 6^2

Quick: $6^2 = \dots\dots$

Easier: $3^2 \times 2^2 = 6^2 = \dots\dots$

improve × facts (5) Q1: 16 Q2: 36 Q3: 64 Q4: what did you decide?

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2. Complete **both** prime factor trees to work out 6^2

Quick: $6^2 = \dots\dots$

Easier: $3^2 \times 2^2 = 6^2 = \dots\dots$

3. Complete **both** prime factor trees to work out 8^2

Quick: $8^2 =$

Easy: $2^6 = 8^2 =$

4. Which method is easiest for you for working out

- 4^2 quick (remembering) or easy (lots of doubling)
- 6^2 quick (remembering) or easy (lots of doubling)
- 8^2 quick (remembering) or easy (lots of doubling)

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