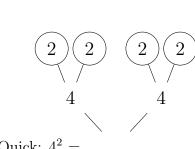
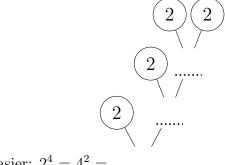
1. Complete **both** prime factor trees to work out  $4^2$ 

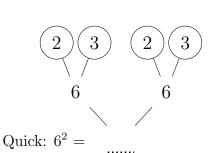


Quick:  $4^2 =$ 

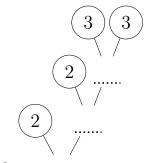


Easier:  $2^4 = 4^2 =$ 

2. Complete **both** prime factor trees to work out 6<sup>2</sup>

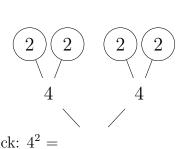


Easier:  $3^2 \times 2^2 = 6^2 =$ 

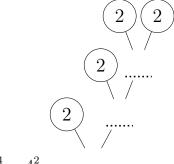


improve  $\times$  facts (5) Q1: 16 Q2: 36 Q3: 64 Q4: what did you decide?

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

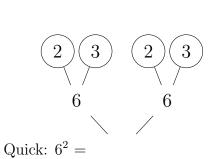


Quick:  $4^2 =$ 



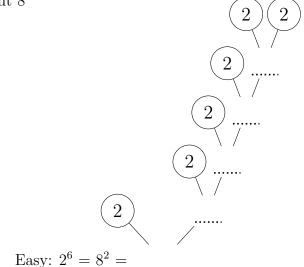
Easier:  $2^4 = 4^2 =$ 

2. Complete  $\bf both$  prime factor trees to work out  $6^2$ 



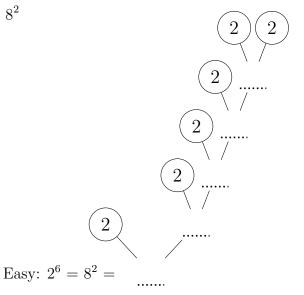
Easier:  $3^2 \times 2^2 = 6^2 =$ 

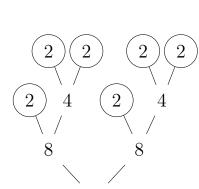
3. Complete **both** prime factor trees to work out  $8^2$ 



- Quick:  $8^2 =$
- 4. Which method is easiest for you for working out
  - 4<sup>2</sup> quick (remembering) or easy (lots of doubling)
  - 6<sup>2</sup> quick (remembering) or easy (lots of doubling)
  - 8<sup>2</sup> quick (remembering) or easy (lots of doubling)

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





Quick:  $8^2 =$  ......

.

- 4. Which method is easiest for you for working out
  - 4<sup>2</sup> quick (remembering) or easy (lots of doubling)
  - $\bullet$  6<sup>2</sup> quick (remembering) or easy (lots of doubling)
  - 8<sup>2</sup> quick (remembering) or easy (lots of doubling)