

Using doubling and halving

This task is about using doubling and halving to help solve multiplication problems.



To solve the problems below James needs to use doubling and halving to make the numbers easier to work with. He only knows his $2 \times$, $3 \times$, and $10 \times$ tables. He does not know his other tables.

Show how James could use doubling and halving to solve 6×4 .

a)

Answer: _____

Show how James could use doubling and halving to solve 5×8 .

b)

Answer: _____

Show how James could use doubling and halving to solve 8×15 .

c)

Answer: _____