# EFFICIENT MULTIPLICATION



# GET READY





- 1)  $6 \times 1 =$  $6 \times 2 =$  $6 \times 3 =$  $6 \times 10 =$  $6 \times 20 =$  $6 \times 30 =$
- 2) 60 12 =150 - 10 =
- 3) Double these numbers
  - 6 12 24
- 4) Halve these numbers

28 280



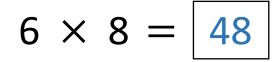
- 1)  $6 \times 1 = 6$   $6 \times 2 = 12$   $6 \times 3 = 18$  $6 \times 10 = 60$   $6 \times 20 = 120$   $6 \times 30 = 180$
- 2) 60 12 = 48150 - 10 = 140
- 3) Double these numbers
  - 6 12 12 24 24 48
- 4) Halve these numbers

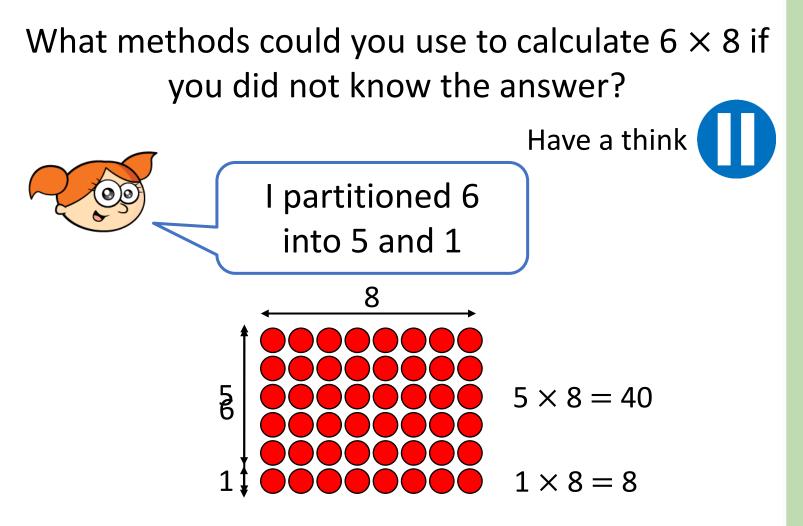
28 **14** 280 **140** 

# LET'S LEARN



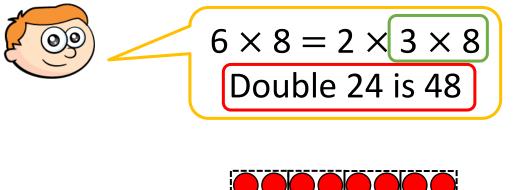


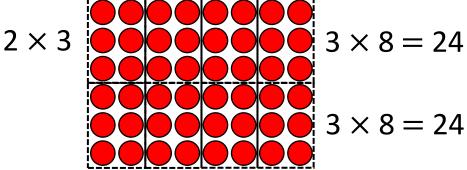






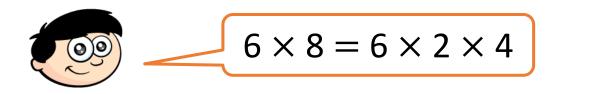
$$6 \times 8 = | 48 |$$



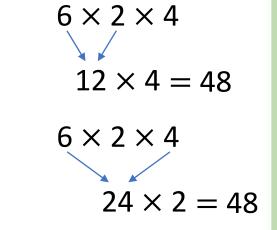




$$6 \times 8 = |48|$$

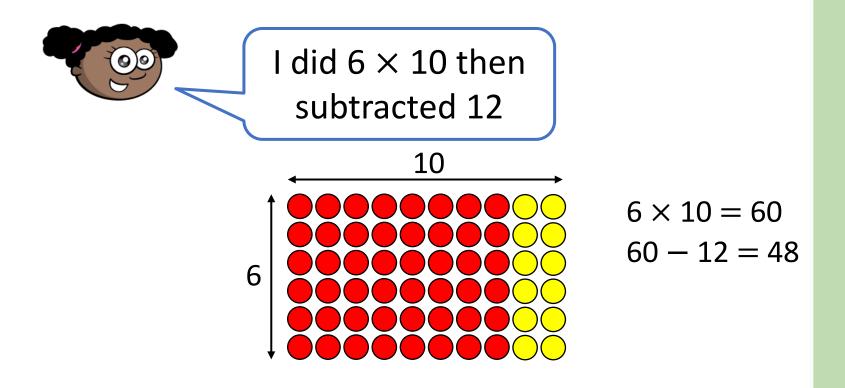


 $6 \times 2$ 



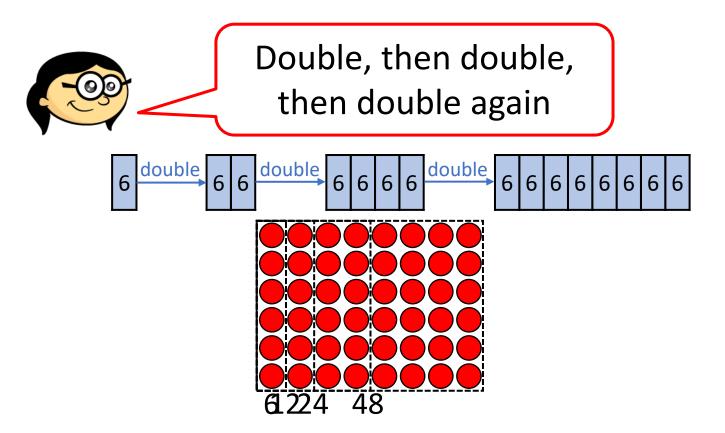


$$6 \times 8 = | 48 |$$





 $6 \times 8 = |48|$ 

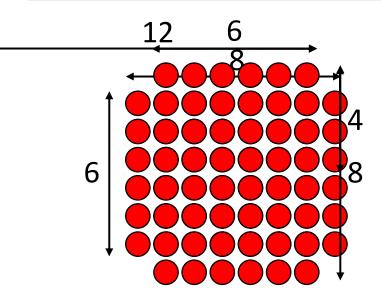




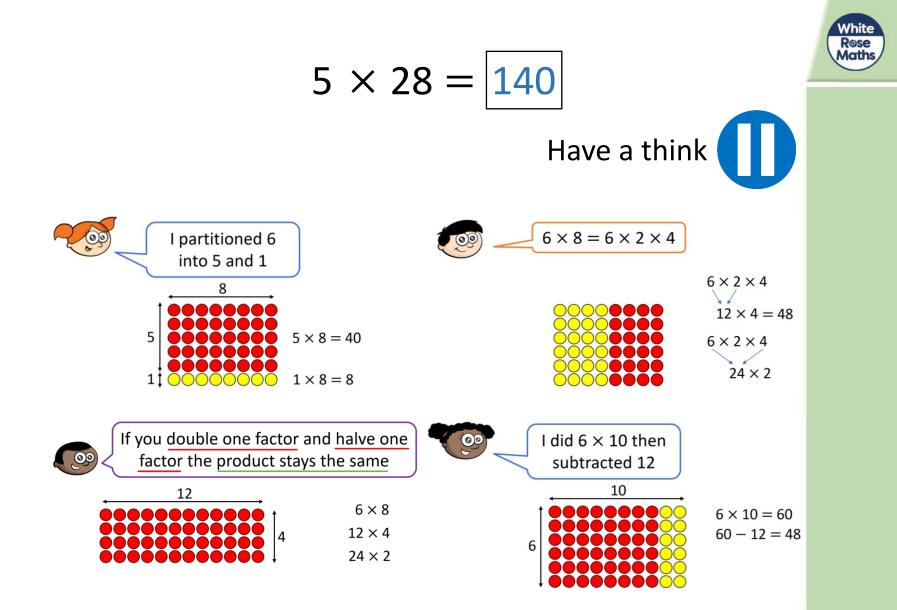
$$6 \times 8 = 48$$



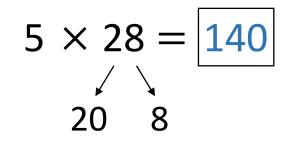
If you double one factor and <u>halve one</u> factor the product stays the same

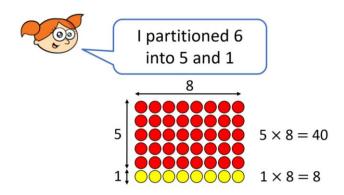


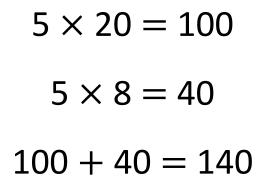
- 6 × 8 12 × 4
- $24 \times 2$





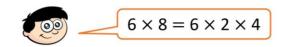


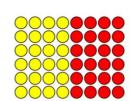




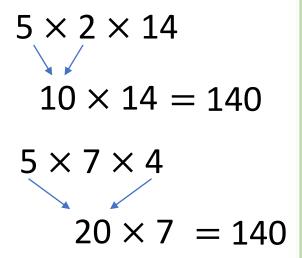


 $5 \times 28 = |140|$ 



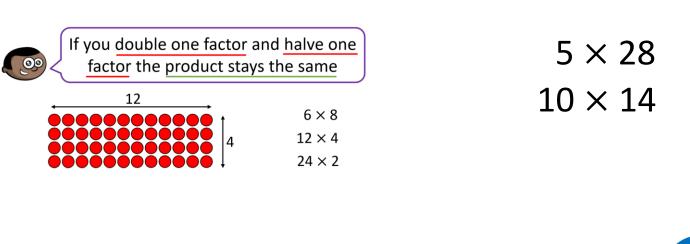


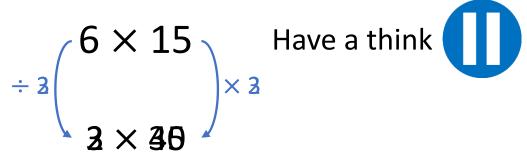
| $6 \times 2 \times 4$ |
|-----------------------|
| $12 \times 4 = 48$    |
| 6 × 2 × 4             |
| 24 × 2                |





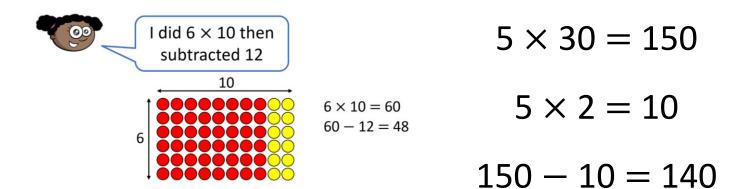
 $5 \times 28 = |140|$ 



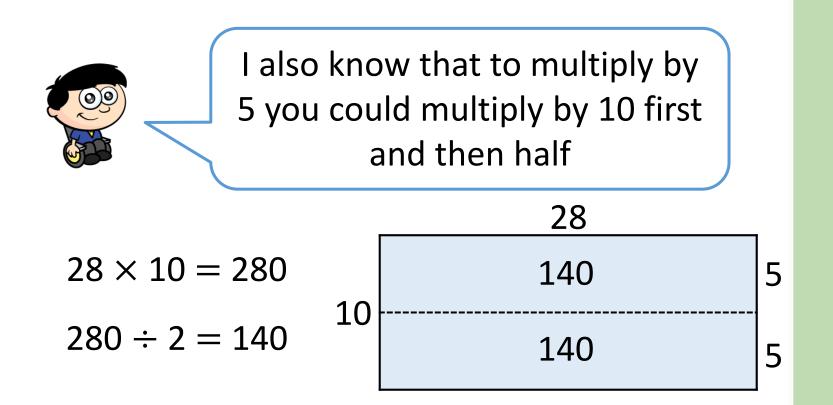




 $5 \times 28 = |140|$ 









# Have a go at the rest of the worksheet

