

Building Buddies

Short Multiplication

(Thousands, Hundreds, Tens, Units x Units)

Our Buyer Sarah, has lost her calculator and needs to place an order for bricks. **Can you help her to work out how many bricks she needs to order to build our Orbit Homes?** She knows how many bricks to order per plot, but needs to multiply that by the number of plots we are building.

- We need to work out how many bricks we need to build our Orbit Homes.
- Can you multiply these units, and tell us how many we need?
- Short Multiplication - This is a quick way of multiplying larger numbers.

Work out the U, then T, then H, then Th.

- The numbers that need to be carried over are written underneath.
- Remember to add on any carried over numbers.
- Write your numbers in the correct columns.

$$3,409 \times 8 = 27,272$$

Th	H	T	U
3	4	0	9
x			
8			
=			
27	2	7	2
3		7	

Site 1) 4,218 x 3	Site 2) 1,479 x 6	Site 3) 3,067 x 4	Site 4) 9,338 x 2
Site 5) 4,210 x 8	Site 6) 2,987 x 7	Site 7) 5,007 x 9	Site 8) 7,382 x 6
Site 9) 7,837 x 4	Site 10) 3,296 x 5	Site 11) 12,840 x 3	Site 12) 18,293 x 6



Which site uses the most bricks? _____