

Grade 5

Maths

Square Numbers / Number Patterns

1. Work out.

(a) $4 \times 4 = \underline{16}$

(b) $7 \times 7 = \underline{49}$

2. Express the following square numbers in expanded form (one has been done for you).

(a) $25 = \underline{5} \times \underline{5}$.

(b) $81 = \underline{9} \times \underline{9}$.

(c) $144 = \underline{12} \times \underline{12}$.

3. Write down the square numbers between 30 and 50.

Answer: 36 .. 49.....

4. Write down the 8th square number.

Answer: 64

$8 \times 8 = 64$

5. Add the next two terms in each of the following.

(a) 23 , 26 , 29 , 32 , 35 . (+3)

(b) 2 , 4 , 8 , 16 , 32 , 64 . (x2)

(c) 256 , 64 , 16 , 4 , 1 . ($\div 4$)

(d) 500 , 475 , 450 , 425 , 400 , 375 . (-25)

(e) 124 , 224 , 324 , 424 , 524 , 624 . (+100)

(f) 100 , 98 , 96 , 94 , 92 , 90 . (-2)

(g) 1 , 3 , 9 , 27 , 81 , 243 . (x3)

(h) 18750 , 3750 , 750 , 150 , 30 . ($\div 5$)

(i) 50 , 250 , 1250 , 6 250 , 31 250 . (x5)