

Grade 5

Maths

Square Numbers / Number Patterns

1. Work out.

(a)  $4 \times 4 = \underline{\hspace{2cm}}$

(b)  $7 \times 7 = \underline{\hspace{2cm}}$

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

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

(b)  $81 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$  .

(c)  $144 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$  .

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

Answer: .....

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4. Write down the 8<sup>th</sup> square number.

Answer:         

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

(a) 23 , 26 , 29 ,          ,          .

(b) 2 , 4 , 8 , 16 ,          ,          .

(c) 256 , 64 , 16 ,          ,          .

(d) 500 , 475 , 450 , 425 ,          ,          .

(e) 124 , 224 , 324 , 424 ,          ,          .

(f) 100 , 98 , 96 , 94 ,          ,          .

(g) 1 , 3 , 9 , 27 ,          ,          .

(h) 18750 , 3750 , 750 ,          ,          .

(i) 50 , 250 , 1250 ,          ,          .