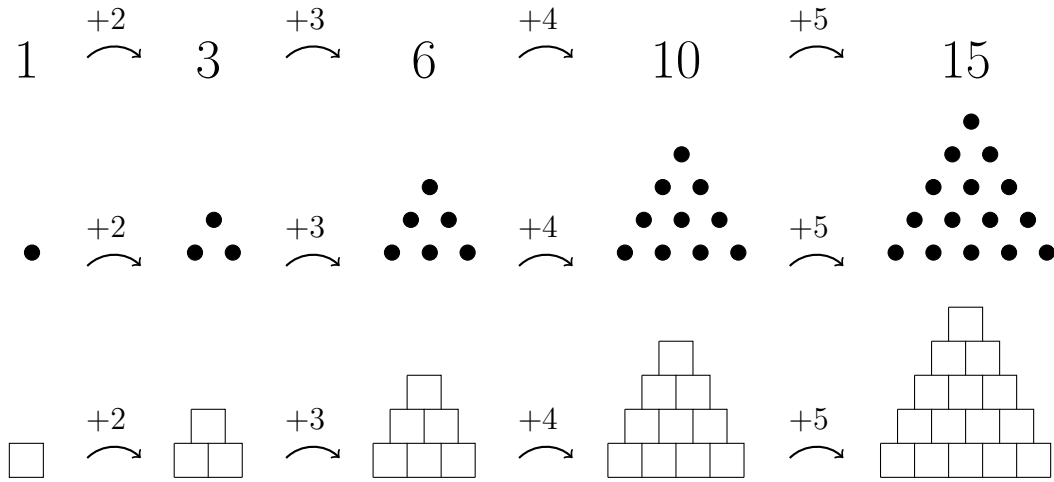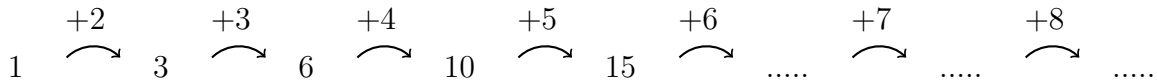A sequence of triangle numbers is created by starting with 1 ...

... then adding on 2 .... then adding on one more each time.

$$1 \overset{+2}{\frown} 3 \overset{+3}{\frown} 6 \overset{+4}{\frown} 10 \overset{+5}{\frown} 15$$

1. Here is a sequence of triangle numbers.

$$1 \overset{+2}{\frown} 3 \overset{+3}{\frown} 6 \overset{+4}{\frown} 10 \overset{+5}{\frown} 15 \overset{+6}{\frown} \ldots \overset{+7}{\frown} \ldots \overset{+8}{\frown} \ldots$$
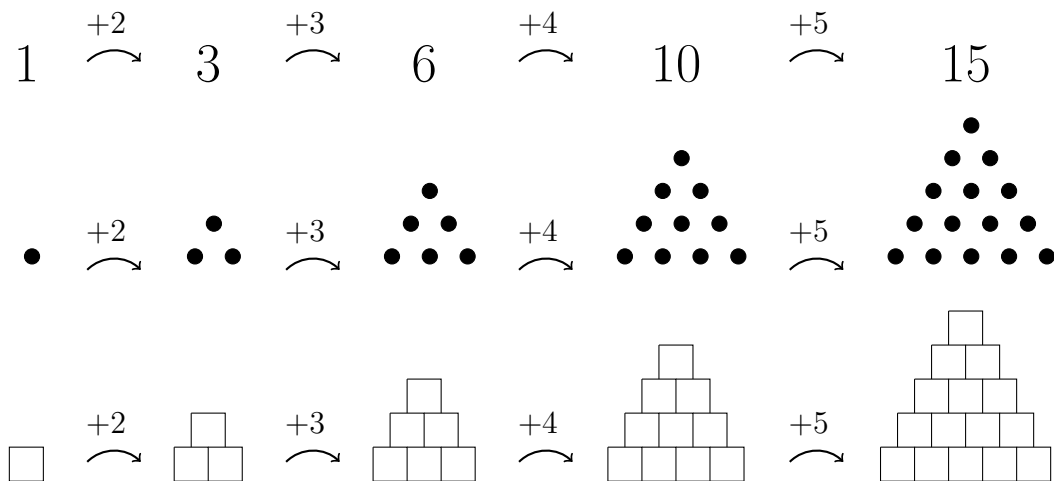
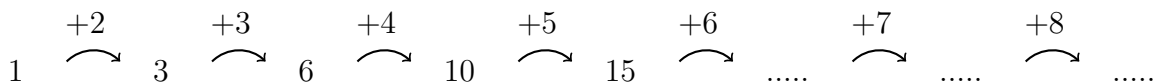Complete the next three triangle numbers in the sequence.

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sequenceOther (4) answers: 1) 21, 28, 36   2) (i) ask your teacher to check (ii) 10   3) 21

A sequence of triangle numbers is created by starting with 1 ...

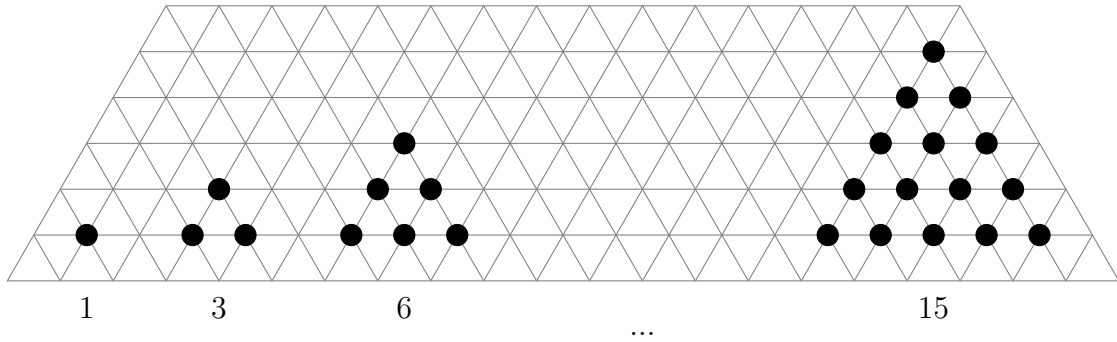... then adding on 2 .... then adding on one more each time.

$$1 \overset{+2}{\frown} 3 \overset{+3}{\frown} 6 \overset{+4}{\frown} 10 \overset{+5}{\frown} 15$$

1. Here is a sequence of triangle numbers.

$$1 \overset{+2}{\frown} 3 \overset{+3}{\frown} 6 \overset{+4}{\frown} 10 \overset{+5}{\frown} 15 \overset{+6}{\frown} \ldots \overset{+7}{\frown} \ldots \overset{+8}{\frown} \ldots$$

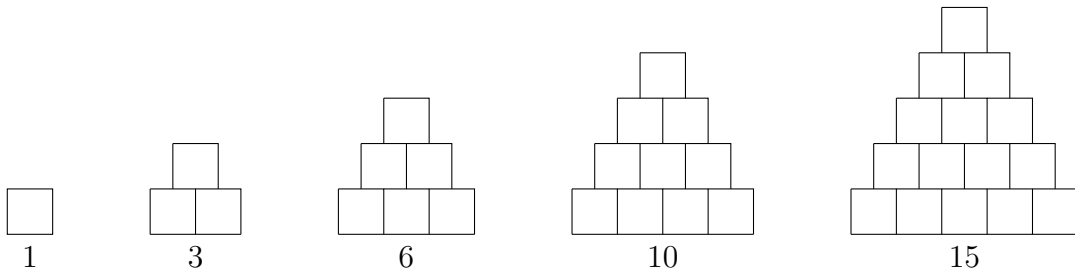Complete the next three triangle numbers in the sequence.

2. The number of dots in each pattern is a triangle number.

1   3   6   ...   15

Draw the 4th pattern and complete the 4th triangle number

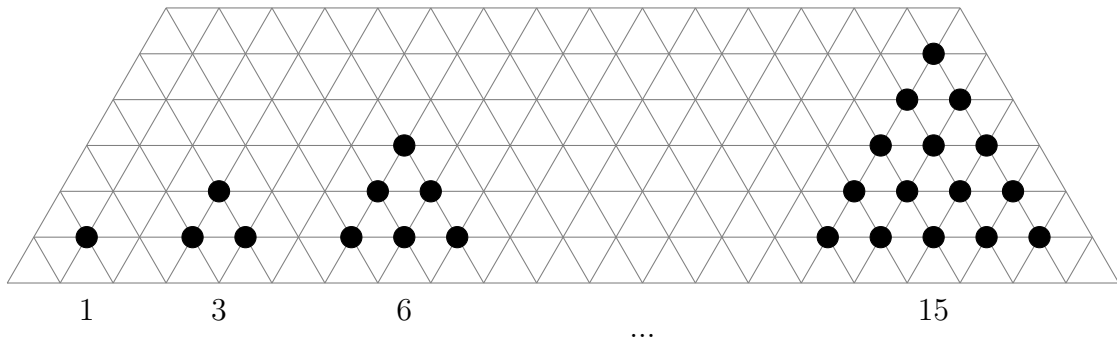3. The number of squares in each pattern is a triangle number.

1   3   6   10   15

Write down the next triangle number   . . . .

2. The number of dots in each pattern is a triangle number.

1   3   6   ...   15

Draw the 4th pattern and complete the 4th triangle number

3. The number of squares in each pattern is a triangle number.

1   3   6   10   15
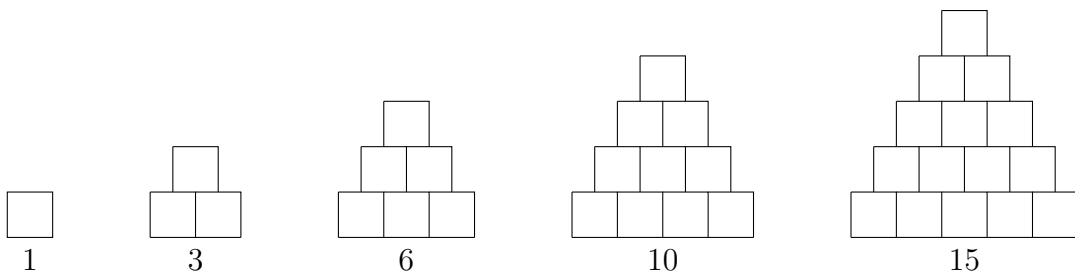
Write down the next triangle number   . . . .