

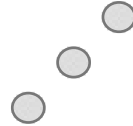
Change one dot pattern into another

1

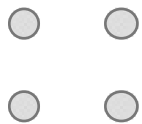
Either cross out one or more dots, or draw one or more extra dots to change the pattern according to the instruction given. Record what you did as an equation (a number 'sentence').



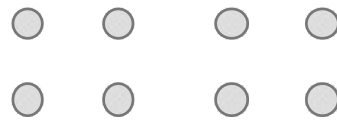
Change this into a pattern for 5.



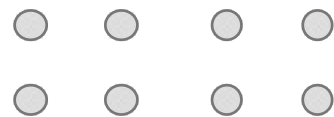
Change this into a pattern for 2.



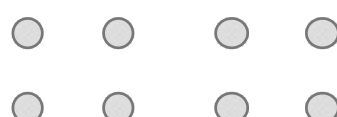
Change this into a pattern for 6.



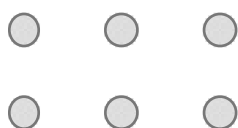
Change this into a pattern for 9.



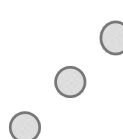
Change this into a pattern for 6.



Change this into a pattern for 10.



Change this into a pattern for 4.



Change this into a pattern for 5.

Change one dot pattern into another

2

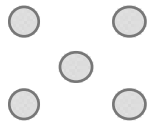
Either cross out one or more dots, or draw one or more extra dots to change the pattern according to the instruction given. Record what you did as an equation (a number 'sentence').



Change this into a pattern for 5.



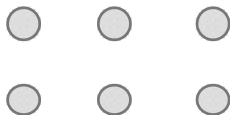
Change this into a pattern for 6.



Change this into a pattern for 4.



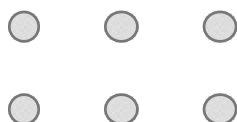
Change this into a pattern for 3.



Change this into a pattern for 8.



Change this into a pattern for 10.



Change this into a pattern for 9.



Change this into a pattern for 8.

Change one dot pattern into another

Throw a die twice, copying the two patterns in the order they were thrown into a pair of boxes. Underneath, write the equation describing how to change the first quantity into the second.

E.g. for a throw of 6 followed by a 4:

●●●

●●●

→

●●

●●

6

-

2

=

4

→

→

→

→

→

→

→

→