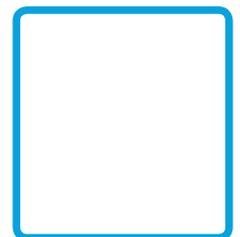
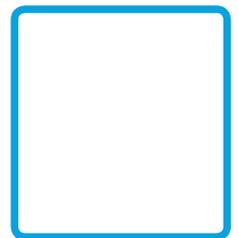
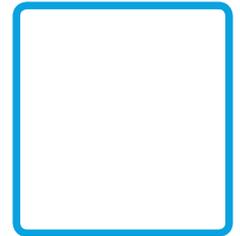
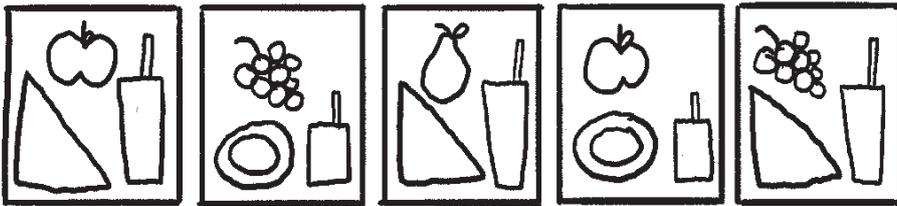
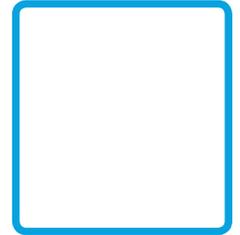
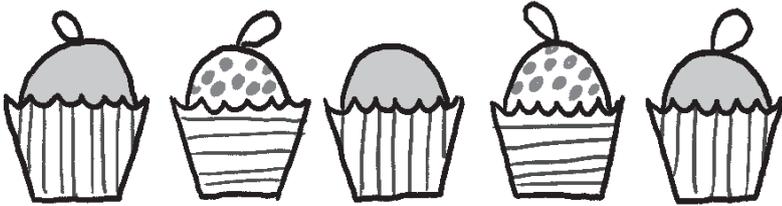




## Production line

There are four machines in the factory all making food.  
Follow the pattern for each machine and draw the item  
that would be the 20th on the line in the box.



## Answers

**Pattern 1:** The cupcake case has lines alternating vertical and horizontal. Every even-numbered cake has horizontal lines.

The top section alternates solid colour and dotted. Every even-numbered cake has dots.

The top leaf points left, then right, then no leaf. Every third cake has no leaf. As 18 is a multiple of 3, the 20th cake is second in this pattern.

The 20th cup cake has horizontal lines on the cupcake case, a dotted top section and a leaf pointing to the right, like this:



**Pattern 2:** The pictures alternate between a sandwich and a bagel. Every even-numbered tray has a bagel.

The fruit rotates apple, grapes and pear. As 18 is a multiple of 3, the 20th cake is second in this pattern.

The drinks rotate short drink and a tall drink. Every even-numbered tray has a tall drink.

The 20th picture has a bagel, grapes and tall drink, like this:



**Pattern 3:** The cakes follow this pattern: top and base the same wavy pattern, base wavy and top white, top wavy and base white and top and base all white. As 20 is a multiple of 4, the 20th cake is fourth in this pattern.

The stars alternate between white and black. Every even-numbered cake has a black star.

The 20th cake has a black star and is all white, like this:



**Pattern 4:** The bowls alternate between short and tall. Every even-numbered bowl will be tall.

The bowl shapes have the pattern curved, curved, trapezium, trapezium. As 20 is a multiple of 4, every fourth bowl will be a trapezium.

The food sequence is chips, chips, potatoes, potatoes. As 20 is a multiple of 4, the 20th cake is fourth in this pattern.

The colour of the bowls rotates white, grey, black.

As 18 is a multiple of 3, the 20th bowl is second in this pattern.

The 20th picture in the sequence has a tall trapezium bowl, in grey, with potatoes, like this:

