Q1. *x* stands for an **odd** number.

y stands for an **even** number.

Look at the expressions below.

For each expression, tick to show if it is odd or even.

The first one is done for you.

	odd	even
x + *y*	✓	
x + 2*y*		
2(*x* + *y*)		
xy		
$x^2 + y$		

Q2. *j* and *k* stand for two numbers.

Double *j* equals half of *k*.
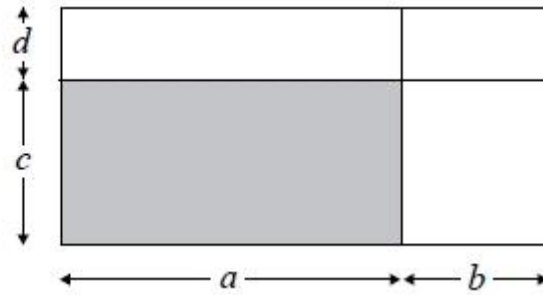
Write numbers to complete the sentence below.

When *j* is [ ] then *k* is [ ]

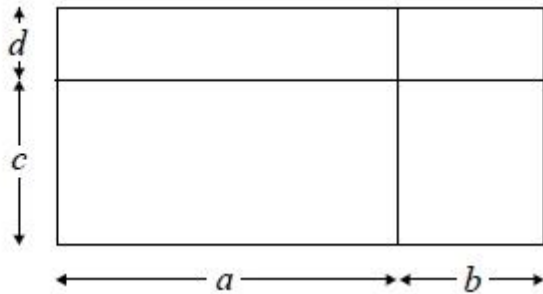**Q3.** The diagrams show a rectangle divided into different parts.

On each, **shade the area** represented by the expression.
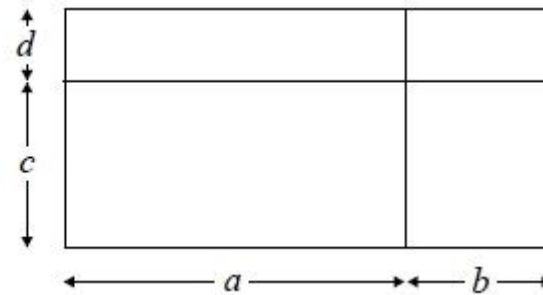
The first one is done for you.

ac

$ad + bd$

$b(c + d)$

Q4. **p** and **q** each stand for whole numbers.

$$p + q = 1000$$

p is 150 **greater** than **q**.

Calculate the numbers **p** and **q**.

p =

q =

Q5. *k* stands for a number.

Complete the number sentences below.

One has been done for you.

5 more than *k* is   *k + 5*

2 less than *k* is   _____

3 more than twice *k* is   _____

6 more than half of *k* is   _____