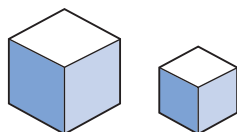


As outcomes, Year 2 pupils should, for example:

Give examples to match statements such as:

- *When I subtract 10 from a number the units number stays the same.*
For example: $43 - 10 = 33$ $86 - 10 = 76$
- *I can add 9 by adding 10 and taking away 1.*
For example: $16 + 9 = 16 + 10 - 1 = 25$
- *If a number ends in 2 then it is even.*
For example: 12, 32, 82
- *If a number ends in 0 then it divides exactly by 10.*
For example: 10, 40, 90, 100
- *There are three numbers less than 10 that divide exactly by 3.*
For example: 3, 6, 9
- *Odd numbers have 1 left over when you divide them by 2, but even numbers do not.*
For example: $9 \div 2$ is 4 remainder 1
 $15 \div 2$ is 7 remainder 1
- *A cube has six square faces.*



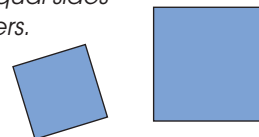
For example, explain orally or record that:

- $8 + 7$ I did $7 + 7 + 1$, which is double 7 plus 1; or I made the 8 into 10 then I added 5.
- $23 - 7$ I did $23 - 3 = 20$ then $20 - 4 = 16$.
- $21 + 32$ I did $20 + 30 = 50$ then $1 + 2 = 3$, so it's 53.

As outcomes, Year 3 pupils should, for example:

Give examples to match statements such as:

- *There are five odd numbers between 10 and 20.*
For example: 11, 13, 15, 17, 19
- *If you multiply numbers either way round, the answer is the same.*
For example: $5 \times 6 = 6 \times 5 = 30$
- *Any odd number is one more than an even number.*
For example: $23 = 22 + 1$ $15 = 14 + 1$
- *Any even number can be written as the sum of two odd numbers.*
For example: $6 = 3 + 3$ $12 = 5 + 7$ $30 = 13 + 17$
- *The multiplication table for 4 is always even.*
For example: $7 \times 4 = 28$, which is even.
- *A multiple of 5 is always half a multiple of 10.*
For example: $15 = 30 \div 2$ $40 = 80 \div 2$
- *All squares are rectangles.*
- *A square always has four equal sides and four right-angled corners.*



For example, explain orally or write that:

- $23 + 17$ I added 17 and 3 to get 20, then 20 more to get 40.
- $50 - 29$ I did 50 take away 30, which makes 20, then added 1.
- 25×2 $25 + 25 = 50$, so $25 \times 2 = 50$.
- $46 \div 2$ I know double 23 is 46, so half of 46 is 23.