

Year 4

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Adding and Subtracting numbers

Remember to keep the numbers in the place value columns! Always start with the units.

$$\begin{array}{r} 6712 \\ - 56 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 567 \\ + 199 \\ \hline 766 \end{array}$$

Place value table

Put the digits in the correct column.

Which column do we look at when rounding to the nearest 10?

What is a multiple of 10?
Which multiples of 10 does this number sit between?

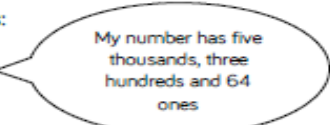
Which number is being represented? Will we round it up or down? Why?

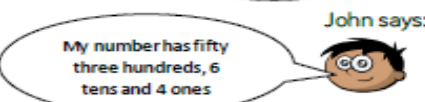
$$\begin{array}{l} 7,891 \rightarrow 7,900 \\ 15,753 \rightarrow 15,800 \\ 99,961 \rightarrow 100,000 \\ 3,350 \rightarrow 3,400 \\ 450 \rightarrow 500 \\ = \end{array}$$

When rounding a number look to the column on the right, if this digit is 5 or above the initial number round up. If it is 4 or below, the initial number stays the same. In the example to the left the digit underline decides if the squared box changes.

Thousands	Hundreds	Tens	Ones

Which is the odd one out?
3,500 3,500 ones
2 thousands and 15 hundreds 35 tens

Jeff says:


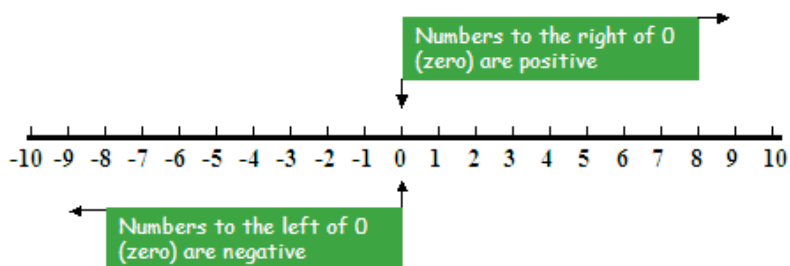
John says:


Who has the largest number?
Explain.

Multiplication

Multiply the units by the units (3 x 3)
Multiply your tens by the unit (2 x 3)

$$\begin{array}{r} 23 \\ \times 3 \\ \hline 69 \end{array}$$



You can practice answering word problems involving negative numbers.

You can also practice using negative numbers on a thermometer.

The perimeter of a shape is calculated by adding up all of the sides of the shape.

All tables up to and including 12 x 12 need to be learnt.

Metric conversion

1 centimeter = 100 millimeters

1 meter = 100 centimeters

1 kilometer = 1000 meters

These are some websites that could help your child:

Addition

<https://www.topmarks.co.uk/Flash.aspx?f=bingoaddition>

Subtraction

<https://www.topmarks.co.uk/maths-games/subtraction-grids>

Timetables and number bonds- Hit the Button

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Timetables- Shooting bubbles

http://www.mad4maths.com/4_x_multiplication_table_math_game/

Timetables- Fishy timetables

<http://www.what2learn.com/home/examgames/maths/subtraction/>

Place Value- Place value chart

<https://www.topmarks.co.uk/>

Recognising numbers- Blast off

<https://www.topmarks.co.uk/learning-to-count/blast-off>