

Tuesday

$$\begin{array}{r} 1 \quad 7517 \\ - 3819 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 6246 \\ + 5564 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 5058 \\ - 2146 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 6842 \\ + 3174 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 2846 \\ - 1489 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 5684 \\ + 9250 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 5555 \\ - 2319 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 7262 \\ + 1722 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 2156 \\ - 1049 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 6589 \\ + 2534 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 4475 \\ - 2384 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 6821 \\ + 2206 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 6517 \\ - 5802 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 5346 \\ + 4849 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 6490 \\ - 2680 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 6581 \\ + 1508 \\ \hline \end{array}$$

Challenge:

$$\begin{array}{r} 1 \quad 75_2 \\ - _62_ \\ \hline 2_07 \end{array}$$

$$\begin{array}{r} 2 \quad 5_82 \\ + _5_9 \\ \hline 1012_ \end{array}$$

$$\begin{array}{r} 3 \quad 9_64 \\ - 67_ \\ \hline _841 \end{array}$$

$$\begin{array}{r} 4 \quad 6_5_ \\ + _302 \\ \hline 80_7 \end{array}$$

Look at the numbers.



Add 2 thousands to the number. Which counter did you use?

Subtract 2 hundreds from the number. What do you have now?

Subtract 6 tens from the number. Which counters do you need to take away?

Add six ones to the number. How many ones do you have now?
Can you exchange your ones for a ten?

Here is a number.

Thousands	Hundreds	Tens	Ones
2	8	4	2

Add 3 hundreds to the number.

Subtract 2 thousands.

Add 7 ones.

Add 2 tens.

What number do you have now?

Complete the calculations.

$$5,632 + 2,000 =$$

$$5,298 + 500 =$$

$$1,739 + 600 =$$

$$419 + 80 =$$

$$873 - 800 =$$

$$7,234 - 3,000 =$$

$$8,029 - 300 =$$

$$4,130 - 100 =$$

Leanna says:

When I add tens to a number, only the tens column will change.



Is Leanna correct?
Explain your answer.

Complete the missing numbers.

$$\begin{array}{r} 3 \square 6 \square \\ + 3418 \\ \hline \square 8 \square 9 \end{array}$$

$$\begin{array}{r} \square \square 16 \\ + 125 \square \\ \hline 82 \square 8 \end{array}$$

$$\begin{array}{r} 1 \square 20 \\ + \square 04 \square \\ \hline 58 \square 4 \end{array}$$

$$\begin{array}{r} \square 9 \square 5 \\ + 3 \square 31 \\ \hline 596 \square \end{array}$$

Zach adds 2 numbers together that total 8,888.



Both numbers
have 4 digits.

All the digits in
both numbers
are even.

What could the numbers be?
Prove it.
How many ways can you find?

Two children completed the following calculation:
 $2,345 + 456$

Tia



My answer is 2,901.

My answer is 6,905.



Rosie

Both of the children have made a mistake in their calculations.

Calculate the actual answer to the question.

What mistakes did they make?

Calculate.



Tia buys a phone costing £592.

She also buys a new laptop for £1,375.

What is the cost?

Her friend, Esin, then buys a tablet for £1,039.

How much have they spent altogether?



Calculate.



Malachi buys a watch costing £367.

He also buys a new laptop for £2,217.

What is the cost?

His friend, Rosie, then also buys a watch for £458.

How much have they spent altogether?



Thursday

Round the following numbers to the nearest 100.

341 →	83 →	3009 →	67 430 →
789 →	560 →	4762 →	109 052 →
145 →	932 →	8420 →	279 973 →
35 →	895 →	9562 →	300 013 →
676 →	1804 →	12 745 →	413 413 →
423 →	2398 →	34 562 →	399 968 →

Round the following numbers to the nearest 100km.

Places	Distance	to the nearest 100km
Budapest to Zagreb	345 km	
Milan to Barcelona	824 km	
Bucharest to Sarajevo	796 km	
London to Berlin	1050 km	
Vienna to Amsterdam	1069 km	
Warsaw to Geneva	1427 km	
Munich to Madrid	1759 km	
Istanbul to The Hague	2593 km	
Paris to Moscow	2762 km	

Extra Challenge

The Nearest 10, 100 and 1000

Learning Objective:

To solve word problems with rounding.

Solve the following word problems, rounding the answer as instructed.

1. A supermarket sells 187 cartons of yoghurt a week. How many cartons is this to the nearest 10 and 100?

2. There are 35 245 spectators at a football match. How many is this to the nearest 10, 100 and 1000?

3. A newspaper reports that about 12, 400 people attended a parade. How is this rounded and what is the range of the precise attendance?

4. There are 12, 876 adult tickets and 5,621 child tickets sold for a concert. To the nearest 10 and 100, how many tickets are sold altogether?

5. A shop has 2,349 tins of tomatoes in stock. It sells 782 in a week. To the nearest 10, how many will be left?

6. An office receives about 35 letters per day. To the nearest 10, how many letters does it receive in a working week (5 days)?

7. A swimming pool gets about 120 swimmers each day from Monday to Friday, and about 250 swimmers in total over the weekend. To the nearest 100, how many swimmers does the pool get over the whole week?

8. A lorry driver travels about 370 miles per day for 5 days per week. To the nearest 100 and 1000, how many miles does the driver travel each week?

Challenge

What happens if you round the numbers in the questions, then calculate the answers?

Roman Numerals Maths Mastery

Aim: I can recognise the value of Roman numerals.

Continue the following Roman numeral sequences by writing the next 4 numbers.

1. XV, XX, XXV, XXX, _____
2. XXII, XX, XVIII, XVI, _____
3. XV, XVIII, XXI, XXIV, _____
4. L, LX, LXX, LXXX, _____
5. LXXXI, LXXII, LXIII, LIV, _____

Order the following sets of Roman numerals from smallest to largest.

6.

XV	XII	IX	XVI	XIV
7.

XXXII	XXIX	XXV	XXX	XXXV
8.

LV	XLV	L	LI	XLIX
9.

XXXV	XXVII	XXXII	XXIV	XXIX
10.

LXI	XCIX	XLIX	C	XCX

Here are some Roman numerals. Some of the numerals are not written in the correct format. Circle any numbers that are incorrect. In the space below, explain the mistakes.

XIX	XXXXI	LXIVX	XXC	LXXVIII	XIL	VIII
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____