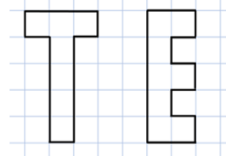


A whole number is rounded to 370
 What could the number be?
 Write down all the possible answers.

370

Which of these shapes has the longest perimeter?



Explore other letters which could be drawn as rectilinear shapes.

Put them in order of shortest to longest perimeter.

Can you make a word?

Which questions are easy?
 Which questions are hard?

$$8,273 + 4 = \underline{\quad}$$

$$8,273 + 4 \text{ tens} = \underline{\quad}$$

$$8,273 - 500 = \underline{\quad}$$

$$8,273 - 5 \text{ thousands} = \underline{\quad}$$

Why are some easier than others?

Eva and Whitney are dividing numbers by 10 and 100
 They both start with the same 4-digit number.
 They give some clues about their answer.



Eva

My answer has 8 ones
 and 2 tens.

My answer has 2
 hundreds, 8 tens and 0
 ones.



Whitney

What number did they both start with?
 Who divided by what?

Whitney says:



847 to the nearest
 10 is 840

Do you agree with Whitney?

Explain why.

Rosie adds 2 numbers together that total 4,444



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:

$$1,234 + 345$$



My answer is
1,589

Dora

My answer is
4,684



Alex

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

Calculate the actual answer to the question.

What mistakes did they make?

Rosie says,



If I count in thousands from zero, I will always have an even answer.

True or false?

Explain how you know.

Which answer could be the odd one out?
What makes it the odd one out?

$$3 + 0 = \underline{\quad}$$

$$3 - 0 = \underline{\quad}$$

$$3 \times 0 = \underline{\quad}$$

Explain why the answer is different.

What is the missing 4-digit number?

	Th	H	T	O
	—	—	—	—
+	6	3	9	5
	8	9	4	9

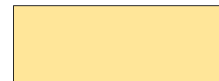
Each of the shapes have a perimeter of 16 cm.
Calculate the lengths of the missing sides.

? cm



4 cm

? cm



2 cm

Circle the incorrect calculations and write them correctly.

$$5 \times 0 = 50$$

$$19 \times 1 = 19$$

$$7 \times 0 = 7$$

$$1 \times 1 = 2$$

$$0 \times 35 = 0$$

$$0 \times 0 = 1$$

$$1 \times 8 = 9$$

Choose one calculation and create a drawing to show it.