

Rank by difficulty

$$2001 - 48$$

$$130 - 48$$

$$1\,999 - 48$$

Rank by difficulty

$$2\,996 + 1\,650$$

$$3\,461 + 2\,537$$

$$4\,837 + 2\,189$$

I know... so...

$$200 - 15 = 185$$

$$2000 - 15 = \underline{\hspace{2cm}}$$

$$20000 - 15 = \underline{\hspace{2cm}}$$

I know... so...

$$5001 - 2998 = \underline{\hspace{2cm}}$$

$$5000 - 3000 = 2000$$

$$5003 - \underline{\hspace{2cm}} = 1994$$

Broken calculator

'The 9 and 5 keys on my calculator are broken!'

How can I use it to work out:

$$997 + 995$$

$$457 - 192$$

$$195 + 165$$

Explain the mistakes

Mistake 1

$$12.4 + 6.35$$

$$18.39$$

Mistake 2

$$12.4 + 6.35$$

$$\begin{array}{r} 12.4 \\ + 6.35 \\ \hline 7.59 \end{array}$$

Explain the mistakes

Mistake 1

$$20 - 16.9$$

$$4.1$$

Mistake 2

$$2000 - 70$$

$$1030$$

Mistake 3

$$537 - 294$$

$$\begin{array}{r} 537 \\ - 294 \\ \hline 363 \end{array}$$

Investigate

$$\square\square + \square\square = \square\square\square$$

Stage 1: complete using digits 0-9

Stage 2: complete using digits 1, 2, 3, 5, 6, 7, 9

Investigate

$$\square\square - \square\square = \square\square$$

Stage 1: complete using digits 0-9

Stage 2: complete with the units digit of the first number smaller than the units digit of the second number

How many ways?

Complete using digits 1-9. Use the 7 as shown.

$$\boxed{}\boxed{7} = \boxed{} + \boxed{} + \boxed{} + \boxed{}$$

Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are

Explain

$$100 - h > 40$$

$$20 + h > 60$$

h is a multiple of 6

List all the numbers h can be.