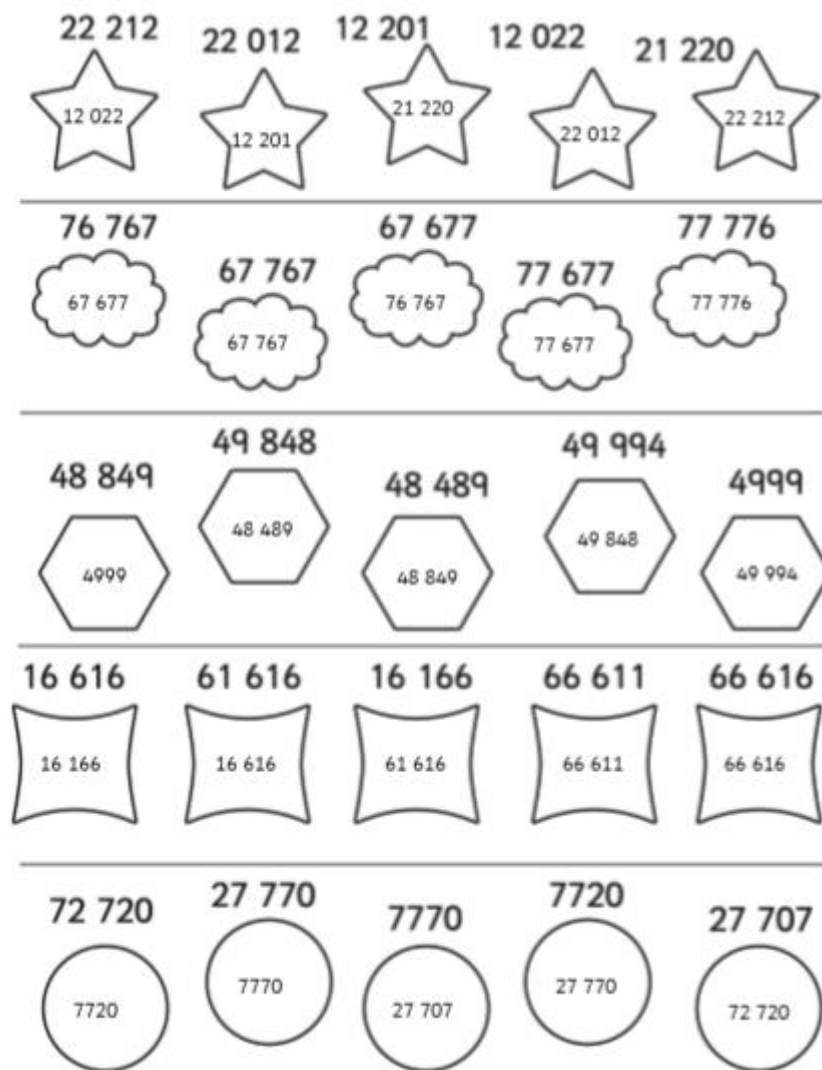
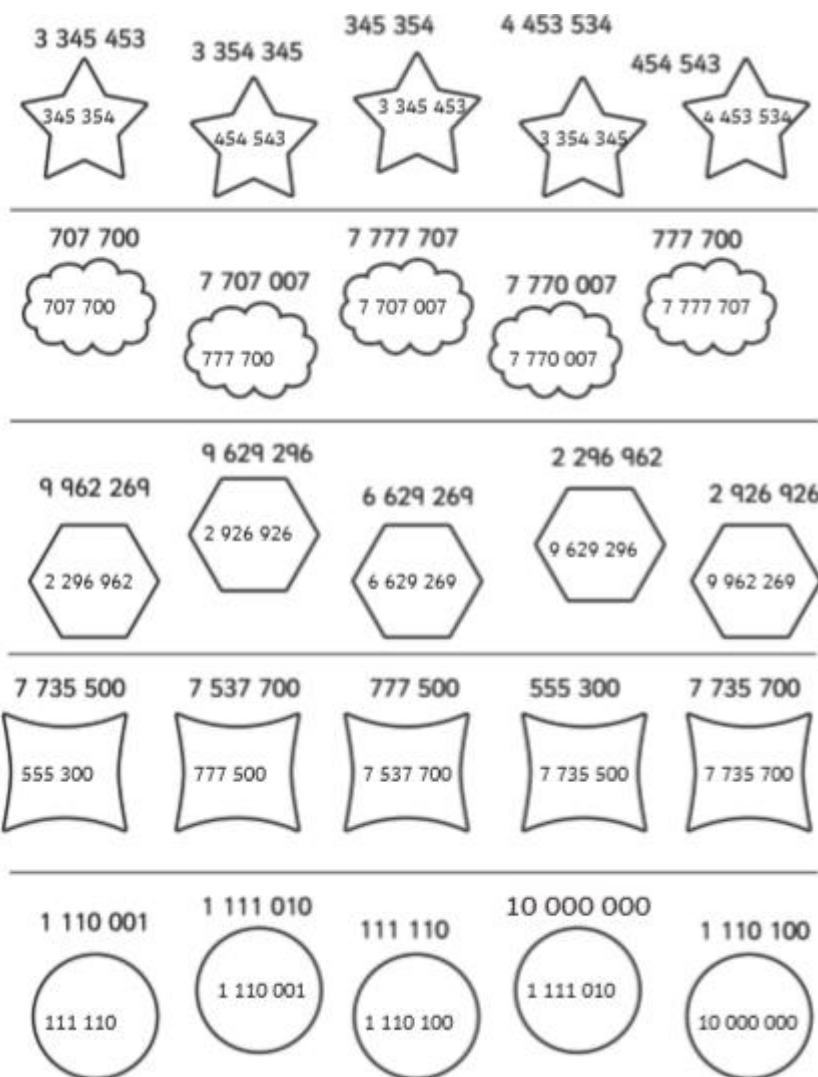


Green Answers



263 443	Two hundred and sixty three thousand, four hundred and forty three
516 283	Five hundred and sixteen thousand, two hundred and eighty three
787 865	Seven hundred and eighty seven thousand, eight hundred and sixty five
3 883 091	Three million, eight hundred and eighty three thousand and ninety one

Yellow Answers



1	2000
2	800 000
3	300
4	100 000
5	90 000
6	8 000 000
7	90
8	9 000 000

What number
is twelve less
than seven?

-5

Explain why $-12 + 7$ is -5 and not -19 .

Because starting at -12 and adding 7 will mean counting towards 0 , so -11 , -10 , -9 etc. If the answer were -19 then the counting would go -13 , -14 , but this is subtracting not adding.

Explain why $567\,286$ could be rounded to $570\,000$.

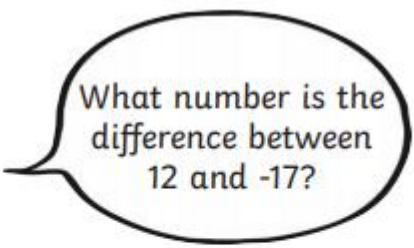
Rounding $567\,286$ to the nearest ten thousand would mean using the number of thousands (7) and this is greater than or equal to 5 , so it is rounded up to the next ten thousand ($70\,000$) so it is rounded to $570\,000$.

Which 2 numbers can be multiplied to equal one hundred thousand?

50 500 2000 20 000

50 and 2000

Red Maths Answers



What number is the difference between 12 and -17?

Explain why $-12 - 7$ is -19 and not -5.

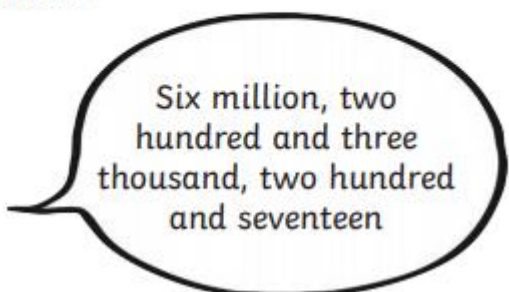
A man has £12 in cash and owes a friend £20.
How much money has the man?

Because when you are subtracting 7 the number will be getting smaller on the number line and subsequently will move to the left.

The man is £18 in debt (-£18)

Read half of this number aloud: 4 208 092.

Write fifty five thousand more than this number in numerals.



Six million, two hundred and three thousand, two hundred and seventeen

Half of 4 208 092 = 2 104 046

6 203 217 + 55 000 = 6 258 217

Which two numbers can be multiplied together to make 20 000 000?

500 5000 40 000 400 000

The temperature at the bottom of a mountain is 9°C , but at the top it is -13°C . Half way up the mountain the temperature is halfway between the temperatures at the top and bottom. What is the temperature half way up the mountain?

40 000 and 5000

The temperature halfway up the mountain is -2 degrees.

When comparing 5 151 515 and 5 151 155, what is the place value of the digit which will tell which is greater?

Explain the reasons you would use to order the following numbers:

2 722 727, 277 277, 2 727 272, 2 722 772

The hundred column. In the first digit there are 5 hundreds and in the second number theirs 1 hundred.

The order of the numbers, from smallest to largest, are as follows:

277 277 (because this number doesn't go into the millions)

2 722 727 (because this number only has 2 in the tens column)

2 722 772 (whereas this number has 7 in the tens column)

2 727 272 (this is the biggest because it has more thousands than the previous two numbers)

Explain why 2 567 286 could be rounded to 2 600 000.

Round 3250 to the nearest 500.

The population of London is 8.674 million.
To what number would you round the population of London when writing about London, giving your reasons.

2 567 286 could be rounded to 2 600 000 if you were rounding it to the nearest hundred thousand because the 6 in the ten thousands column would mean you would round up.

3250 rounded to the nearest 500 is 3500

I would round it to 8.6 million. The reason I'd round it to the nearest hundred thousand is because it is precise but still easy to read and understand.