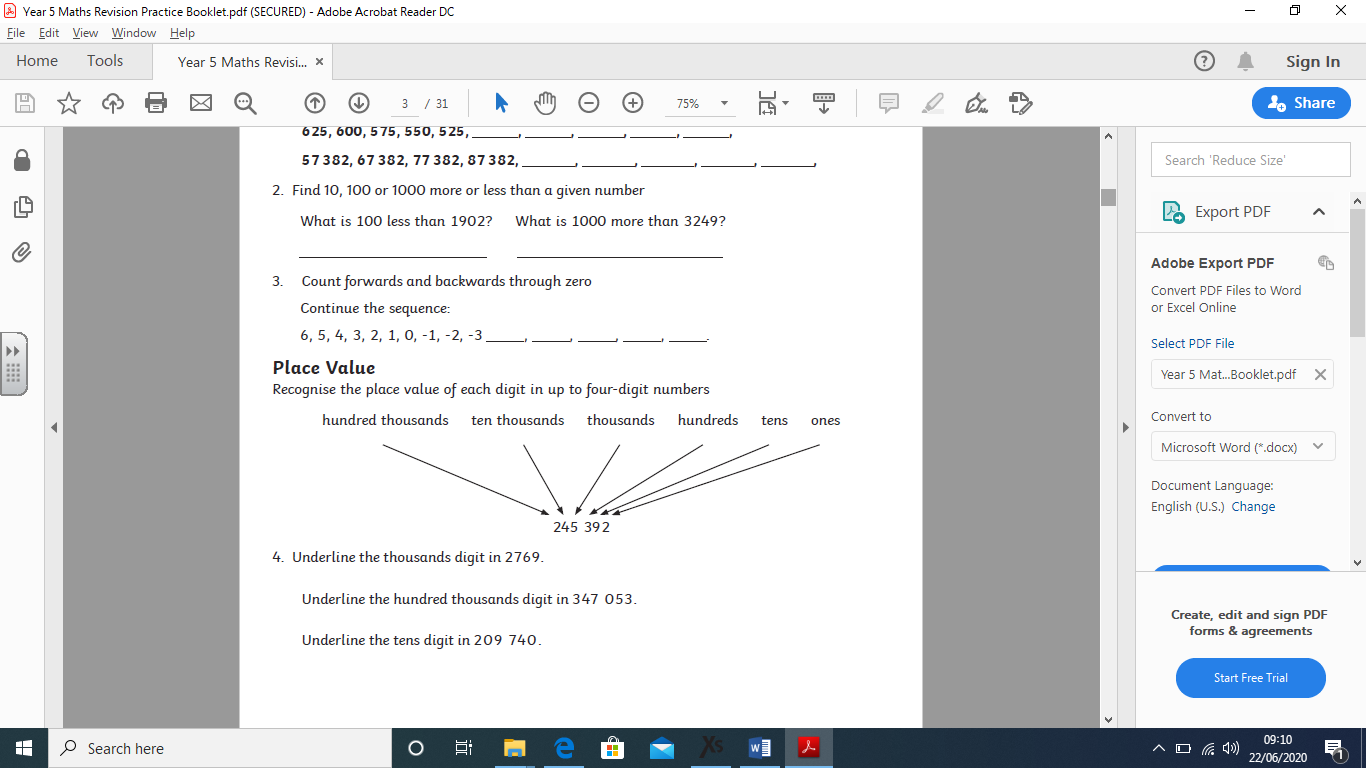
# Answers

Maths Year 5

Recap of Year 5 w/c 13.07.20

Monday 13th July and Tuesday 14th July – Number and Place Value



Underline the thousands digit in 2769.

Underline the hundred thousands digit in 347, 053.

Underline the tens digit in 209, 740.

Here is a sequence counting up in 7s.

7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84

Continue these sequences:

4, 8, 12, 16, 20, 24, 28, 32 ,36 , 40

25, 50, 75, 100, 125, 150, 175, 225, 275, 325

900, 890, 880, 870, 860, 850, 840, 830, 820

7382, 8382, 9382, 10382, 11382, 12382, 13382

6, 5, 4, 3, 2, 1, 0, -1, -2, -3, -4, -5, -6, -7

What is 10 more than 816? 916

What is 100 less than 1902? 1802

What is 1000 more than 3249? 4249

Write a number so that each sentence makes sense:

14,425 > 14, 237 this could be any number less than 14,425

15,645 = 15, 645

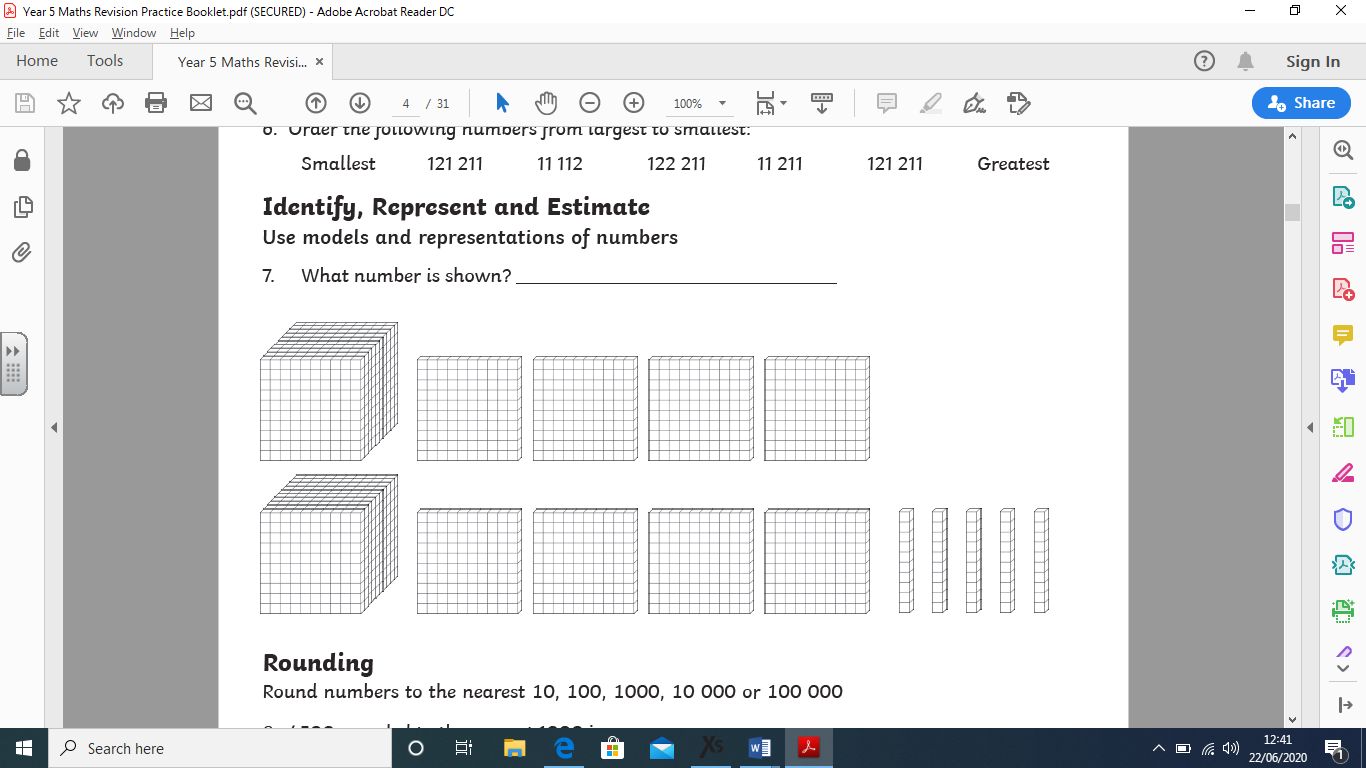
19,567 < 20, 440 this could be any number greater than 19, 567

Order these numbers:

1850 1058 1085 1805 1850

Smallest Greatest

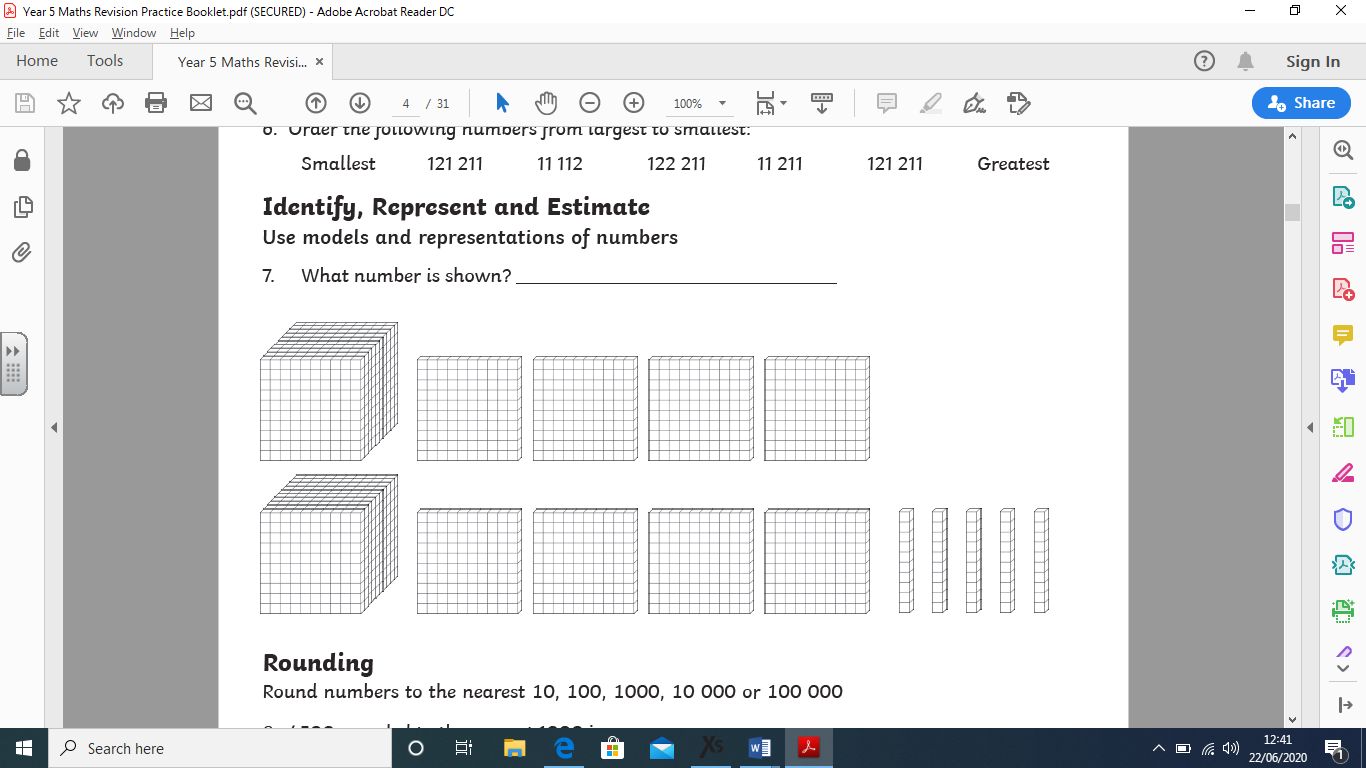
What number is shown?



1000 + 100 + 100 + 100 + 100

= 1400

What number is shown?



1000 + 100 + 100 + 100 + 100 + 10 + 10 +10 +10 + 10 = 1450

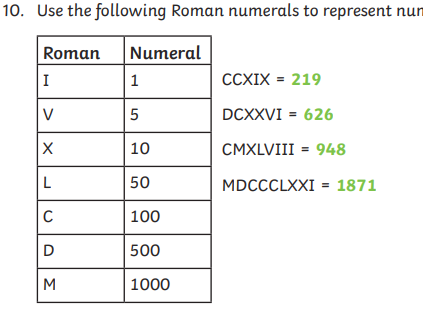
Can you crack the code?

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| 200 | 130 | 20 | 50 | 70 | 170 | 80 | 10 | 3000 | 60 | 30 | 1000 | 100 |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 400 | 900 | 130 | 140 | 2000 | 590 | 120 | 90 | 1500 | 110 | 40 | 7000 | 300 |

|  |  |  |
| --- | --- | --- |
|  | Answer | Letter |
| Round 14 to the nearest 10? | 10 | H |
| Round 223 to the nearest 100? | 200 | A |
| Round 1468 to the nearest 100? | 1500 | V |
| Round 68 to the nearest 10? | 70 | E |
| Round 204 to the nearest 10? | 200 | A |
| Round 1234 to the nearest 1000? | 1000 | L |
| Round 886 to the nearest 100? | 900 | 0 |
| Round 1542 to the nearest 100? | 1500 | V |
| Round 73 to the nearest 10? | 70 | E |
| Round 698 to the nearest 1000? | 1000 | L |
| Round 7290 to the nearest 1000? | 7000 | Y |
| Round 591 to the nearest 10? | 590 | S |
| Round 91 to the nearest 10? | 90 | U |
| Round 99 to the nearest 10? | 100 | M |
| Round 147 to the nearest 100? | 100 | M |
| Round 65 to the nearest 10? | 70 | E |
| Round 1502 to the nearest 1000? | 2000 | R |

Complete the table

|  |  |
| --- | --- |
| Numerals | Words |
| 345, 285 | Three-hundred and forty-four thousand, two hundred and eighty-five |
| 855,102 | Eight hundred and fifty-five thousand, one hundred and two |
| 622, 916 | Six hundred and twenty-two thousand, nine hundred and sixteen |
| 120,563 | One hundred and twenty thousand, five hundred and sixty three |



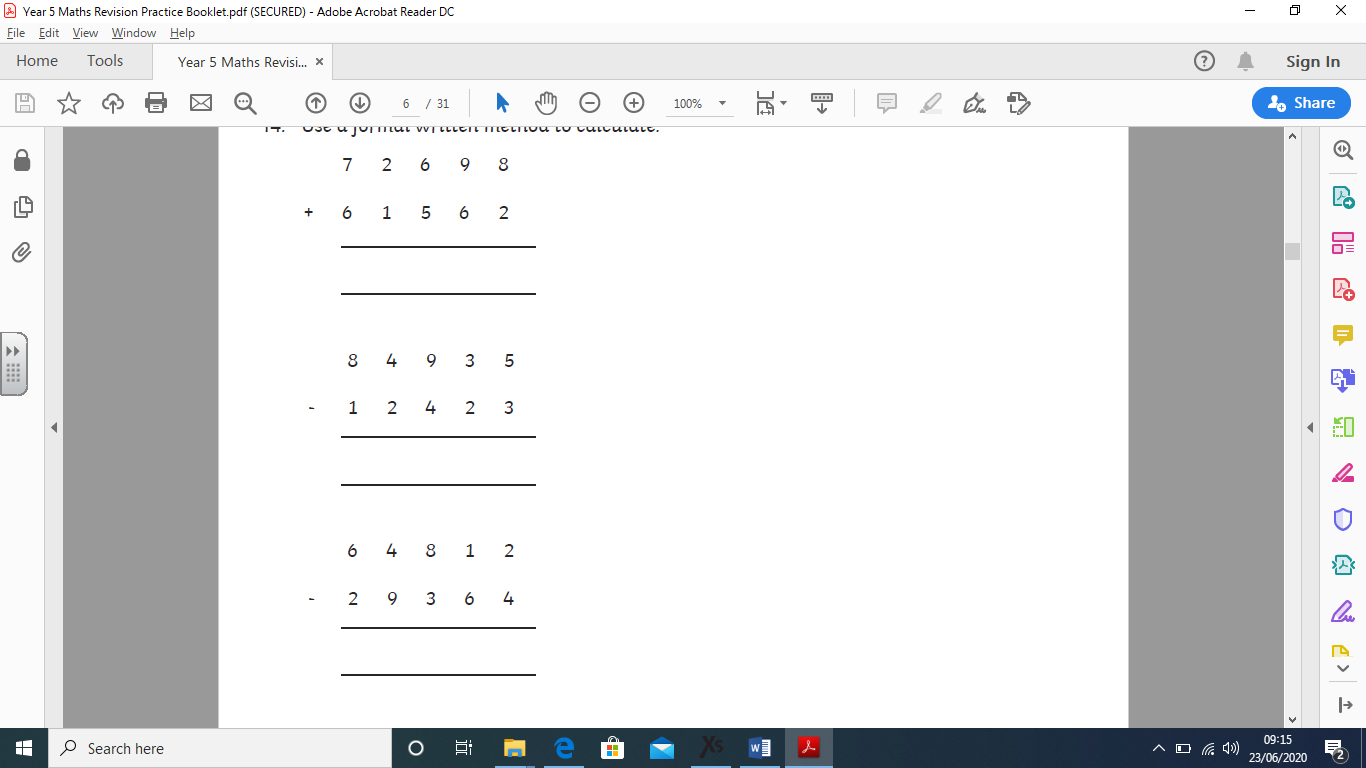
Wednesday 15th July – Addition and subtraction

Can you solve these calculations using mental methods?

1. 376 + 3 = 379
2. 376 + 40 = 416
3. 376 + 200 = 576
4. 15 672 – 3200 = 12472

Can you describe the mental methods that you used?

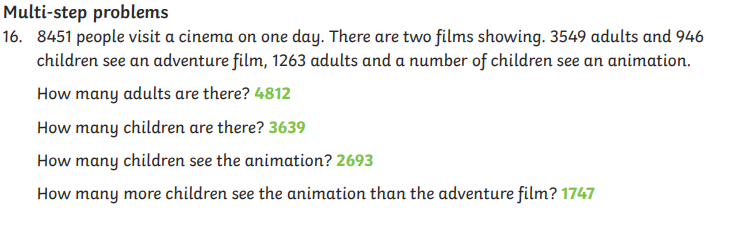
1. Adding to the ones column
2. Adding to the tens column and bridging through a hundred
3. Adding to the hundreds column
4. Subtracting 3 thousand from the thousands column and subtracting 2 hundred from the tens column



3 5 4 4 8

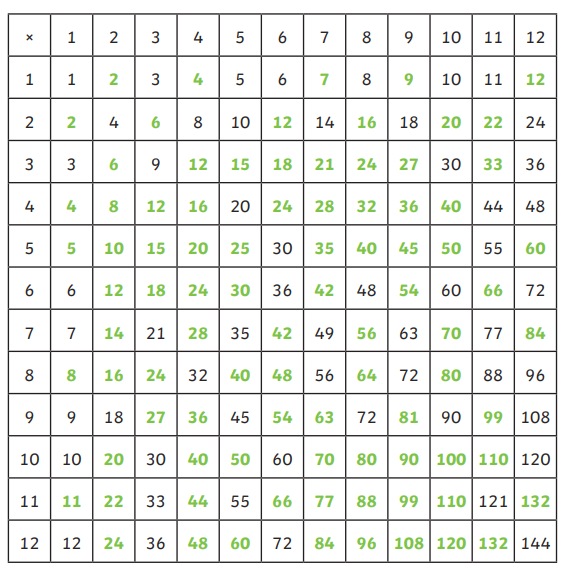
7 2 5 1 2

1 3 4 2 6 0



Thursday 16th July and Friday 17th July – Multiplication and division

Fill in the missing numbers



Use your knowledge of place value and related facts to solve these calculations

400 x 5 = 2 000

630 ÷ 7 = 90

450 ÷ 9 = 50

300 x 40 =12 000

Look back at your top tips for multiplying and dividing by 10, 100 and 1000. This web page will help remind you:

<https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/z2fkwxs>

Have a go at completing these calculations, then have a go at multiplying by 0 and 1 and dividing by 1.

45 x 10 = 450

6.7 x 100 = 670

902 x 1000 = 902 000

59 ÷ 10 = 5.9

4506 ÷ 100 = 45.06

382 ÷ 1000 = 0.382

285 x 1 = 285

285 x 0 = 0

285 ÷ 1 = 285

Here are the factors of 12

12

1

4

6

3

2

12

Can you find all the factors of 24? 1, 2, 3, 4, 6, 8, 12, 24

Can you find all the factors of 56? 1, 2, 4, 7, 8, 14, 28, 56

Use your factor pairs above to help you solve:

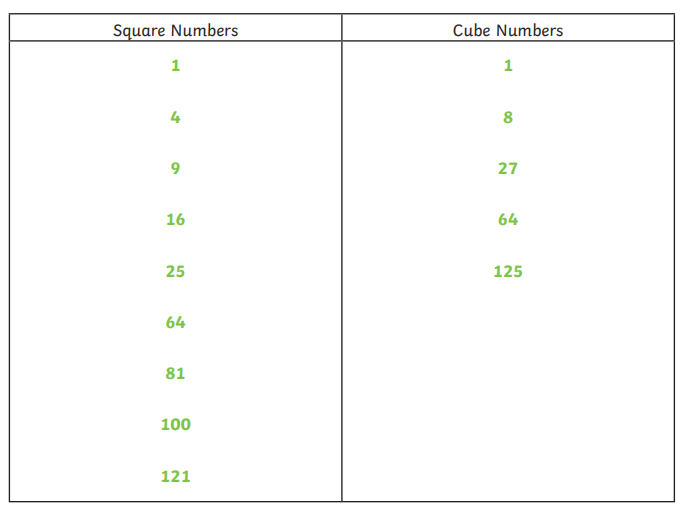
56 pencils are shared between 4 tables. How many pencils does each table receive? 14

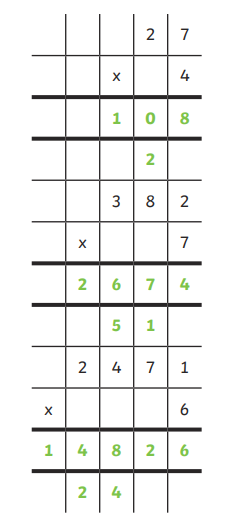
List all the prime numbers up to 20 2, 3, 5, 7, 11, 13 17, 19

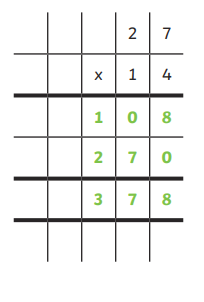
What is the first prime number after 100? 101

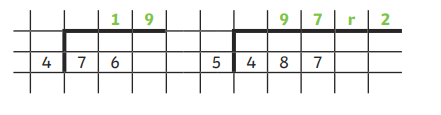
Write these numbers into the correct place in the table:

9, 144, 27, 4, 1, 8, 100, 81, 125, 16, 25, 64, 121.









A teacher has four new boxes of pencils, each with 12 pencils and a tray with 37 pencils. The teacher shares equally all the pencils between 5 tables. How many pencils does each table receive? Show your working out below.

4 x 12 = 48 new pencils

48 + 37 = 85 pencils in total

85 ÷ 5 = 17 pencils per table