

Name

Class.....

1 Here is a number grid.

71	72	73	74
75	76	77	78
79	80	81	82
83	84	85	86

Colour all the numbers that are divisible by 5.

2 Find the number that obeys all these rules:

- It is less than 20
- It is a multiple of 3
- It is a multiple of 5

3 Write these temperatures in order starting with the coldest.

-12 °C 21 °C -21 °C 12 °C 0 °C

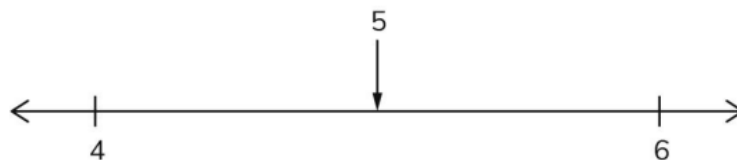
4 a Write all the factors of 16.

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b Why is there an odd number of factors?

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- 5 Pierre counts in twenty-fives starting at 0.
He then counts in hundreds starting at 0.
Pierre says, 'Multiples of 100 are also multiples of 25.'
Is he correct?
Explain your answer.
- 6 Which whole numbers could \square represent in the number statement $-5 < \square < -1$?
- 7 Complete this sentence.
Every number that is divisible by 10 is also divisible by _____ and _____.
- 8 The number 5 is halfway between 4 and 6.



Complete this sentence.

The number 5 is halfway between -1 and _____.

- 9 Bashir is thinking of a number.
He says, 'If I subtract 16 from my number, the answer is 95.'
What number is Bashir thinking of?
Discuss your answer with a partner.
- 10 Aiko says, 'When you add two 2-digit whole numbers together
the answer cannot be a 4-digit number.'
Is Aiko correct?
Explain your reasoning.
- 11 Heidi's password is a 5-digit number.
- 1 is in the ten thousands place
 - 2 is in the ones place
 - 3 is in the hundreds place
 - 4 is in the thousands place
 - 5 is in the tens place
- What is Heidi's password?
Write your answer in words and in figures.

- 12 Leroy says, 'I add two odd numbers and one even number and my answer is 33.'
Explain why Leroy cannot be correct.
- 13 Mary says, 'The difference between two odd numbers is odd.'
Is this always true, sometimes true or never true? Explain your answer.
- 14 Rajiv says, 'If you add 6 to a number ending in 7
you will always get a number ending in 3.'
Is Rajiv correct?
- 15 **Bashir is thinking of a number.**
He says, 'If I add 26 to my number, the answer is 95.'
What number is Bashir thinking of?
- 16 Adah is thinking of a number. She divides the number by 3 and her answer is 234.
What number is Adah thinking of? _____