Week 1 Monday – Lesson 1

Your questions are on each slide, with text boxes or tables for you to type your answers. The answer sheet is at the end of the PowerPoint, for you to self mark your work, along with a box for you to type your score in. The number of marks for each question is on each slide so you know how many marks each lesson is out of.

Your teacher will then leave you a comment once your score has been entered and returned. Please remember, your work will not be checked every day, but periodically over the summer.

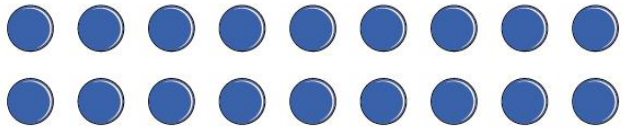
Enjoy learning!

Factor pairs

1 Alex is making arrays using counters.

a) What calculation is represented in each array?

☐ × ☐ = 18



☐ × ☐ = 18

Question	Answer
1a	
1b	

2 marks

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2 Use counters to make arrays and find the factor pairs for each number.

a) 12 _____

b) 15 _____

c) 24 _____

Which of the numbers has the most factor pairs? _____

4 marks

Question	Answer
2a	
2b	
2c	
Which has the most factor pairs?	

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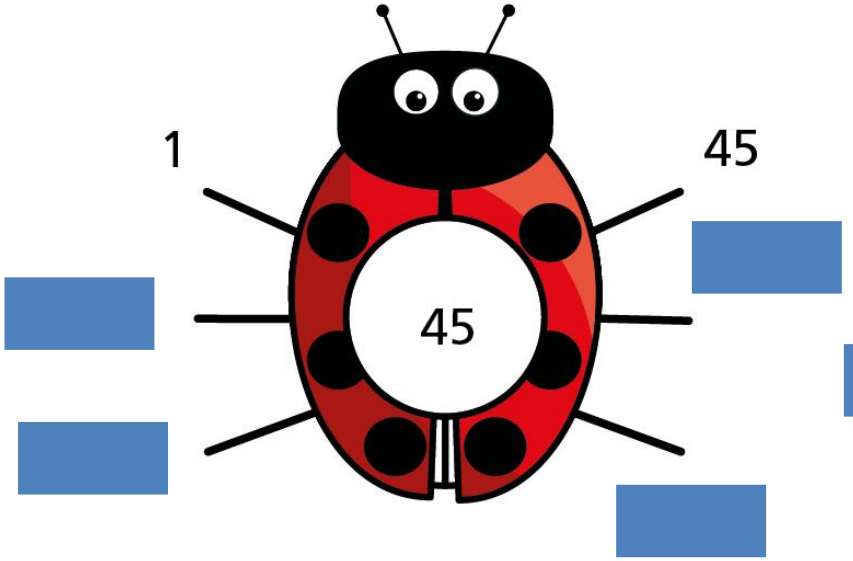
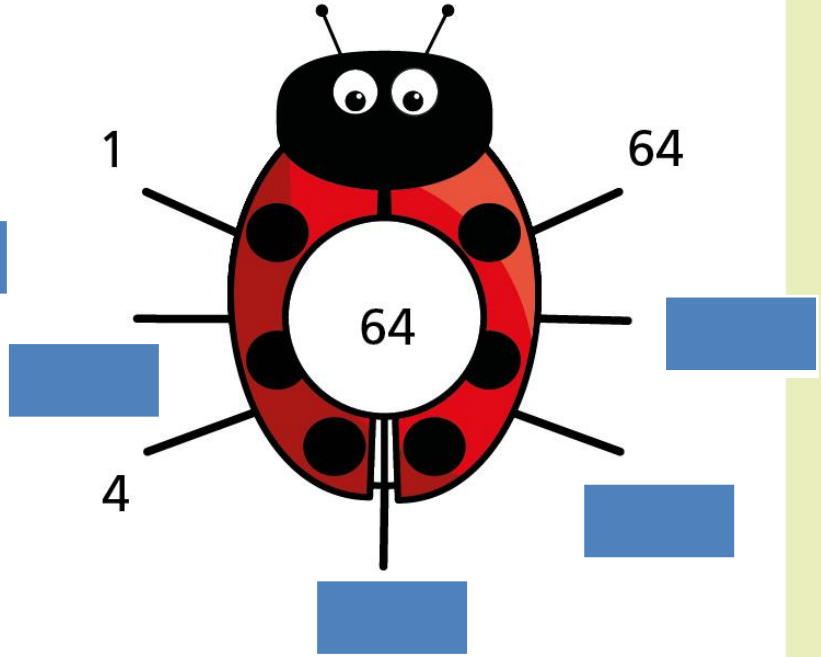
Type your answers in each blue box

3 Complete the factor bugs for 45 and 64





8 marks

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4 Find all the factor pairs for the number 72

The factor pairs of 72 are _____

_____

Question	Answer
4	

1 mark for all correct

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5 Are these statements true or false?

	True	False
8 and 2 are both factors of 10	☐	☐
5 and 50 are both factors of 50	☐	☐
25 has only three factors.	☐	☐
All the factors of 15 are odd.	☐	☐

Question	Answer
5a	
5b	
5c	
5d	

4 marks

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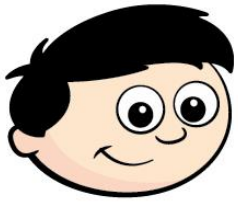
6



The bigger the number the more factor pairs it has.

Use examples to show that Dexter is wrong.

Question	Answer
6	

1 mark

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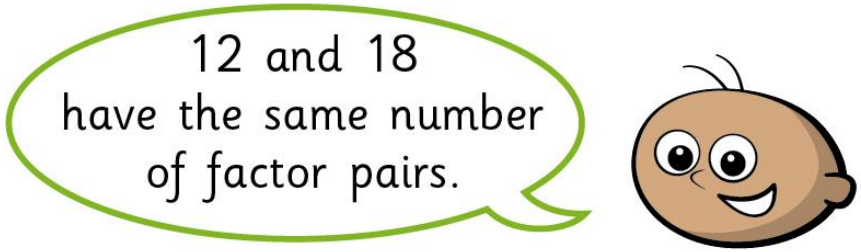
Type your answers in each blue box

7 Tommy is finding factors of 12 and 18



a) Is Tommy correct? _____

Explain your answer.

b) Find two other numbers with the same number of factor pairs.

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2 marks

8 Class 4B is having a sports day.

There are 36 children in the class.

The children need to be in equal groups.

What group sizes are possible?

1 mark for all correct

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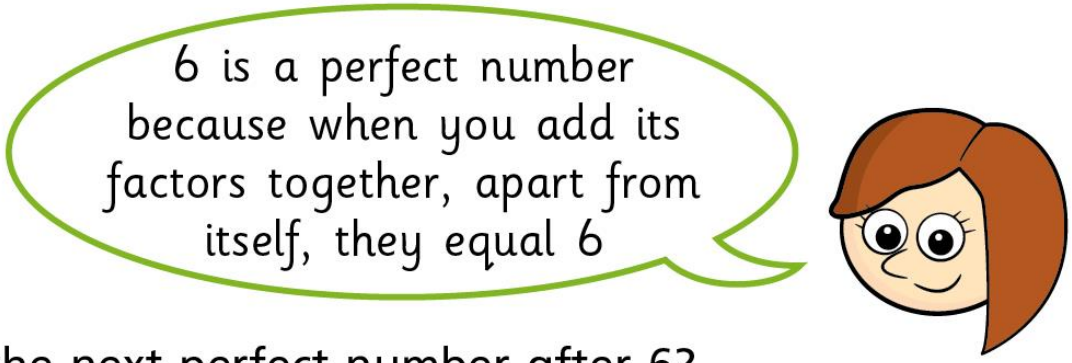
9 Rosie is investigating factor pairs.



What is the next perfect number after 6?

1 mark

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Answers

- Link to Answers

Possible Score	Your Score
24	