

To be able to decide whether to add or multiply



Starter:

True or false?

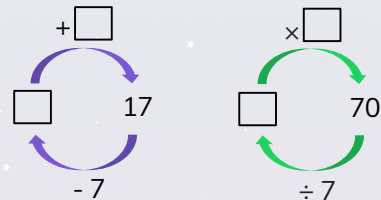
Nine is four times greater than three.

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Activity 1:

Fill in the missing numbers. What do you notice?



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Activity 2:

Choose a phrase to complete the sentences.

more than

times the size of

1) 66 is 2 \_\_\_\_\_ 33.

2) 66 is 33 \_\_\_\_\_ 33.

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Activity 3:

Choose a phrase to complete the sentences.

less than

the size of

1) 22 is one-fifth \_\_\_\_\_ 110.

2) 22 is 88 \_\_\_\_\_ 110.

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Activity 4:

Describe the additive and multiplicative relationship between the pair of numbers.

10 and 120

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Activity 5:

Explain why the next number in the sequence below could be 21.

7, 14 ...

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**Activity 6:**  
What could the next number be in each sequence?  
Give two possible answers for each sequence.

5, 20 ...	7, 21 ...
6, 18 ...	10, 30 ...
12, 48 ...	9, 45 ...

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**Activity 7:**  
Complete the double number line. What other additive and multiplicative relationships can you see?

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**Evaluation:**

8, 16 ...

Astrobee is creating a sequence of numbers but is not sure how to continue the sequence. Help Astrobee by deciding what to write next and explaining why.

The next number must be/ could be  because...