

**Key learning: To identify fractions of quantity and shape**

Do Now

Find half of these numbers using  
your bead string.

10

16

8

12

10

100



numerator denominator vinculum whole part equal

Key learning: To identify fractions of quantity and shape

Star Words



numerator

denominator



vinculum

whole



part

equal

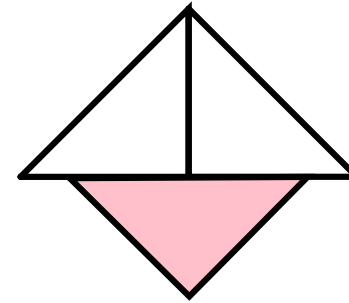
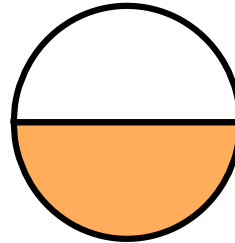
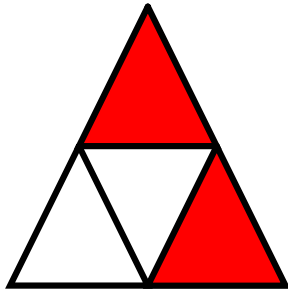


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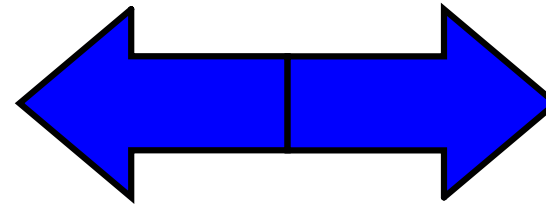
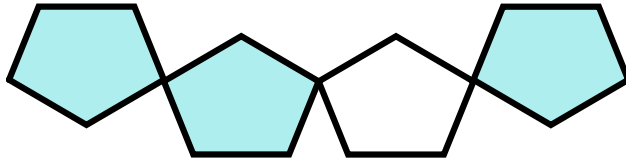
**New Learning**

How would we write the fraction for each shape?



What would be the denominator?

What would be the numerator?



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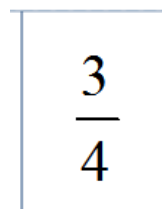
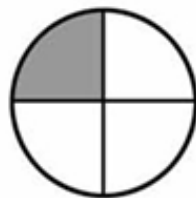
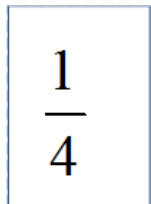
## Key learning: To identify fractions of quantity and shape

### Talk Task

Pupil A: Pick a fraction card and describes it.

Pupil B:

Finds the matching shape



*"This is the fraction one quarter.*

*The numerator is one - we are looking for one part shaded.*

*The denominator is four - we are looking for a shape with four parts altogether."*



*"This rectangle has four parts altogether with one part shaded. This rectangle is one quarter shaded."*

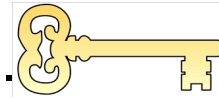


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**Key learning: To identify fractions of quantity and shape**

## Develop Learning

Daddy Bear's key is 6 cm long.



Baby Bear's key is  $\frac{1}{3}$  the length of Daddy Bear's key.



Mummy Bear's key is  $\frac{2}{3}$  the length of Daddy Bear's key.



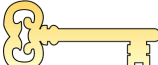
How long are Baby Bear's and Mummy Bear's keys?





numerator denominator vinculum whole part equal

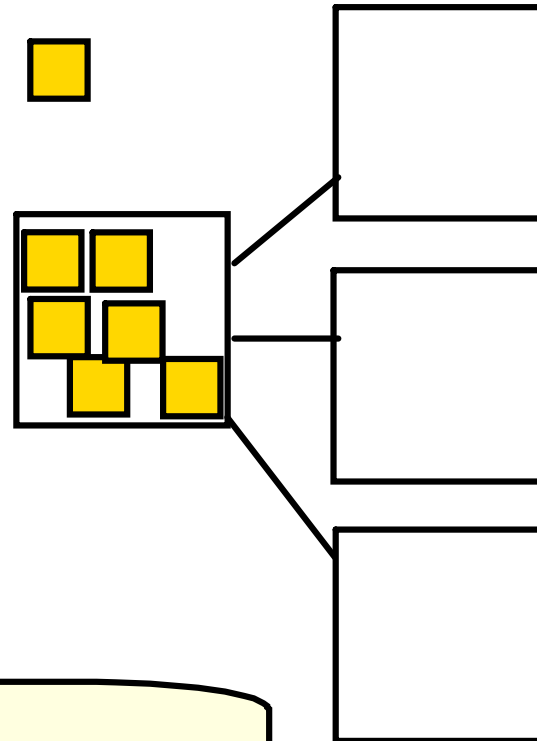
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Develop Learning

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How long are Baby Bear's and Mummy Bear's keys?



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## Key learning: To identify fractions

### Independent Task

Solve the word problems.

Use manipulatives on a part-whole model.

2b.1.1

WALT: identify fractions of quantity and shape.

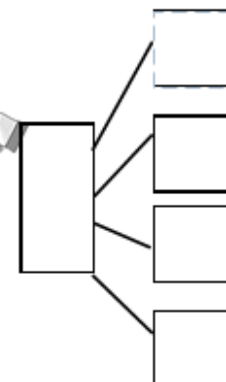
Daddy Bear's enormous scarf is 8 m long.

Mummy Bear's scarf is  $\frac{3}{4}$  the length of

Daddy Bear's. Baby Bear's scarf is  $\frac{2}{4}$  the length of Daddy Bear's.

**Mummy Bear's scarf is \_\_\_\_ long.**

**Baby Bear's scarf is \_\_\_\_ long.**



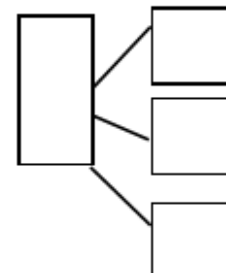
Daddy Bear's ear is 15 cm wide. Mummy

Bear's ear is  $\frac{2}{3}$  the width of Daddy

Bear's. Baby Bear's  $\frac{1}{3}$  ear is the width of Daddy Bear's.

**Mummy Bear's ear is \_\_\_\_ wide.**

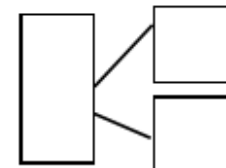
**Baby Bear's ear is \_\_\_\_ wide.**



Daddy Bear's tail is 14 cm long. Mummy

Bear's tail is  $\frac{1}{2}$  the length of Daddy Bear's.

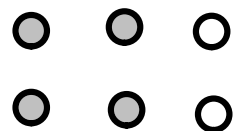
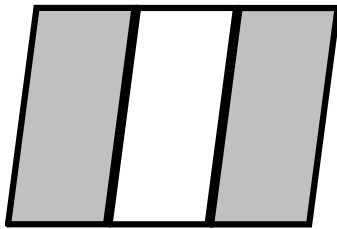
**Mummy Bear's tail is \_\_\_\_ long.**



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## Plenary



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