

Challenge Cards – Interpret pictograms (1-1)

Problem solving and reasoning cards:



What does this pictogram show?

What can you see?

What can you work out?

Mini-beasts	
Worms	   
Ladybirds	     
Centipedes	      
Spiders	  

KEY:  = 1

Use the clues to complete the pictogram.

- There are 10 birch trees.
- There are 3 fewer ash than birch.
- There are 5 more birch than fir.
- There are 25 trees in total.

Tree	
Ash	
Oak	
Birch	
Fir	

This pictogram represent the tally chart. True or false? Explain your answer.

Flower	Tally
Rose	
Daisy	
Tulip	
Snowdrop	

Flower	
Rose	       
Daisy	        
Tulip	         
Snowdrop	       

Tick (✓) the box that represents the tally chart. Explain how you know.

Fruit	Tally
Apple	
Banana	
Orange	

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                	☐
                	☐

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Problem solving and reasoning cards:



What does this pictogram show?

Example answers:

There are 20 mini-beasts in total.

There are 4 worms, 6 ladybirds, 7 centipedes and 3 spiders.

There is 1 more spider than there are worms.

Mini-beasts	
Worms	   
Ladybirds	     
Centipedes	      
Spiders	  

KEY:  = 1

What can you see? What can you work out?

Use the clues to complete the pictogram.

- There are 10 birch trees.
- There are 3 fewer ash than birch.
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- There are 25 trees in total.

Tree	
Ash	     
Oak	  
Birch	         
Fir	    

This pictogram represent the tally chart. True or false? False there are 11 daisies not 12.

Flower	Tally
Rose	
Daisy	
Tulip	
Snowdrop	

Flower	
Rose	       
Daisy	       
Tulip	        
Snowdrop	       

Tick (✓) the box that represents the tally chart. Explain how you know.

Fruit	Tally
Apple	
Banana	
Orange	

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                	☒
                	☐