

Homework/Extension

Step 4: Draw Pictograms (2, 5 and 10)

National Curriculum Objectives:

Mathematics Year 2: (2S1) [Interpret and construct simple pictograms, tally charts, block diagrams and simple tables](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Complete a pictogram using the information given. Pictogram partially completed. No half pictures.

Expected Complete a pictogram using the information given. Pictogram partially completed. Includes half pictures.

Greater Depth Complete a pictogram using the information given. Blank pictogram. Includes half pictures.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match the pictogram to the correct tally chart. No half pictures.

Expected Match the pictogram to the correct tally chart. Includes half pictures.

Greater Depth Match the pictogram to the correct tally chart. Includes half pictures. No value given.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain the mistake made in the drawing of a pictogram. No half pictures.

Expected Explain the mistakes made in the drawing of a pictogram. Includes half pictures.

Greater Depth Explain the mistakes made in the drawing of a pictogram. Includes half pictures. No value given.

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Draw Pictograms (2, 5 and 10)

1. Complete the pictogram using the information.

- A. There are 10 black coats.
- B. There are 6 red coats.
- C. There are 4 purple coats.
- D. There are the same number of silver coats as purple coats.

Colour of Coats	
Black	
Red	
Purple	
Silver	

 = 2 coats



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2. Match the pictogram to the correct tally chart.

Favourite Food	
Pizza	
Salad	
Pasta	
Chips	

 = 5 children

A.

Favourite Food	
Pizza	
Salad	
Pasta	
Chips	

B.

Favourite Food	
Pizza	
Salad	
Pasta	
Chips	



VF
HW/Ext

3. Dan has drawn a pictogram to represent the information in the tally chart.

			
Sheep	Cow	Duck	Horse

 = 5 animals

Animals on a Farm	
Sheep	
Cow	
Duck	
Horse	

Dan has made a mistake. Explain what he has done wrong.



RPS
HW/Ext

Draw Pictograms (2, 5 and 10)

4. Complete the pictogram using the information.

- A. There were 9 black cars.
- B. There were three more white cars than black cars.
- C. There were seven fewer yellow cars than white cars.
- D. There were twice as many silver cars as there were red cars.

Colour of Cars	
Black	
White	
Yellow	
Silver	
Red	

= 2 cars



VF
HW/Ext

5. Match the pictogram to the correct tally chart.

Favourite Pizza	
Cheese	
Veggie	
Pepperoni	
Ham	
Chicken	

= 10 children

A.

Favourite Pizza	
Cheese	
Veggie	
Pepperoni	
Ham	
Chicken	

B.

Favourite Pizza	
Cheese	
Veggie	
Pepperoni	
Ham	
Chicken	



VF
HW/Ext

6. Frank has drawn a pictogram to represent the information in the tally chart.

Carrots	Potatoes	Peas	Beans	Sweet-corn

= 5 children

Favourite Vegetable	
Carrots	
Potatoes	
Peas	
Beans	
Sweetcorn	

Frank has made some mistakes. Explain what he has done wrong.



RPS
HW/Ext

Draw Pictograms (2, 5 and 10)

7. Complete the pictogram using the information.

- A. There were 15 seahorses.
- B. There were 8 fewer crabs than seahorses.
- C. Sharks were half the value of whales and there were twice as many whales as there were crabs.
- D. There were double as many fish as seahorses.

Sea Creatures	

■ = 2 creatures



VF
HW/Ext

8. Match the pictogram to the correct tally chart.

Creatures Seen in the Playground	
Bird	
Squirrel	
Worm	
Cat	
Fox	

A.

Creatures Seen in the Playground	
Bird	
Squirrel	
Worm	
Cat	
Fox	

B.

Creatures Seen in the Playground	
Bird	
Squirrel	
Worm	
Cat	
Fox	



VF
HW/Ext

9. Eleanor has drawn a pictogram to represent the information in the tally chart.

Dahl		Walliams		Rowling

Favourite Author	
Dahl	
King-Smith	
Walliams	
Donaldson	
Rowling	

Eleanor has made some mistakes. Explain what she has done wrong.



RPS
HW/Ext

