

Homework/Extension

Step 3: Interpret Pictograms (1-1)

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 Use a pictogram to answer simple retrieval questions. Pictogram uses one to one correspondence and has up to 10 pictures or symbols in each category.

Expected Use two pictograms to answer simple questions. Pictograms use one to one correspondence and have up to 15 pictures or symbols in each category.

Greater Depth Use two pictograms to answer questions, including some two step questions. Pictograms use one to one correspondence and have up to 15 pictures or symbols in each category.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match simple retrieval questions about a pictogram to the answers. Pictogram uses one to one correspondence and has up to 10 pictures or symbols in each category.

Expected Match questions about a pictogram to the answers. Pictogram uses one to one correspondence and has up to 15 pictures or symbols in each category.

Greater Depth Match questions about a pictogram to the answers. Pictogram uses one to one correspondence and has up to 15 pictures or symbols in each category. Some questions are two step questions and an extra answer option is provided.

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

Developing Use a pictogram to answer simple retrieval questions and explain which answer is the odd one out. Pictogram uses one to one correspondence and has up to 10 pictures or symbols in each category.

Expected Use a pictogram to answer questions and explain which answer is the odd one out. Pictogram uses one to one correspondence and has up to 15 pictures or symbols in each category.

Greater Depth Use a pictogram to answer questions and explain which answer is the odd one out. Pictogram uses one to one correspondence and has up to 15 pictures or symbols in each category. Some questions are two step questions.

More [Year 2 Statistics](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Interpret Pictograms (1-1)

1. Use the pictogram to answer the questions.

 = 1 cake

Number of Loaves Sold	
Monday	       
Tuesday	    
Wednesday	   
Thursday	      

A. How many loaves were baked on Thursday?

B. How many loaves were baked altogether?

C. On which day were 6 loaves baked?



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2. Using the pictogram, match the questions to the correct answers.  = 1 vote

Favourite Winter Sport	
Skiing	    
Sledging	       
Skating	      
Ice Hockey	   

7

6

10

8

A. How many people like sledging?

B. How many people like skiing?

C. How many people chose skating?



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3. Which answer is the odd one out? Explain why.  = 1 fish

Number of Fish Caught	
Monday	    
Tuesday	     
Wednesday	      
Thursday	     

A. How many fish were caught on Tuesday?

B. How many fish were caught on Wednesday?

C. How many fish were caught on Thursday?



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Interpret Pictograms (1-1)

4. Use the correct pictogram to answer the questions. ● = 1 cake

Number of Cakes Baked	
Monday	●●●●●●●●●●●●●●
Tuesday	●●●●●●●●●●●●●●
Wednesday	●●●●●●●●●●●●●●
Thursday	●●●●●●●●●●●●●●

Number of Cakes Sold	
Monday	●●●●●●●●●●●●●●
Tuesday	●●●●●●●●●●●●●●
Wednesday	●●●●●●●●●●●●●●
Thursday	●●●●●●●●●●●●●●

A. In total, how many cakes were baked on Monday and Tuesday?

B. How many more cakes were sold on Tuesday than Thursday?

C. On which day were more cakes sold than baked?



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5. Using the pictogram, match the questions to the correct answers. ● = 1 vote

Favourite Ice Lolly Flavours	
Orange	●●●●●●●●●●●●●●
Lemon	●●●●●
Strawberry	●●●●●●●●●●
Cola	●●●●●●●●●●●●●●●●●●

6

13

9

15

A. In total, how many children chose lemon and strawberry flavours?

B. How many children voted for the most popular flavour?

C. How many more children chose orange than lemon?



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6. Which answer is the odd one out? Explain why. ● = 1 egg

Number of Eggs Laid	
Monday	●●●●●●●●●●●●●●
Tuesday	●●●●●●●●●●●●●●
Wednesday	●●
Thursday	●●●●●

A. In total, how many eggs were laid on Wednesday and Thursday?

B. How many more eggs were laid on Monday than Tuesday?

C. How many more eggs were laid on Tuesday than Thursday?



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Interpret Pictograms (1-1)

7. Use the pictograms to answer the questions. 🍪 = 1 biscuit

Number of Biscuits Baked	
Monday	🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪
Tuesday	🍪🍪🍪🍪🍪🍪🍪🍪🍪
Wednesday	🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪
Thursday	🍪🍪🍪🍪🍪🍪🍪🍪🍪

Number of Biscuits Sold	
Monday	🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪🍪
Tuesday	🍪🍪🍪🍪🍪🍪
Wednesday	🍪🍪🍪🍪🍪🍪🍪🍪🍪
Thursday	🍪🍪🍪🍪🍪🍪

A. How many more biscuits were baked than sold on Thursday?

B. On how many days were there cakes left over?

C. On which day were 2 more cakes baked than sold?



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HW/Ext

8. Using the pictogram, match the questions to the correct answers. 🍌 = 1 vote

Favourite Puddings	
Chocolate	🍌🍌🍌🍌🍌🍌🍌🍌🍌🍌🍌🍌🍌🍌
Sticky Toffee	🍌🍌🍌🍌🍌
Jam Roly Poly	🍌🍌🍌🍌🍌🍌
Treacle	🍌🍌🍌🍌🍌🍌🍌🍌🍌🍌

9

11

10

13

A. How many more children chose the most popular pudding than the least popular pudding?

B. How many children voted for the second most popular flavour?

C. In total, how many children voted for the two least popular flavours?



VF
HW/Ext

9. Which answer is the odd one out? Explain why. 🎫 = 1 ticket

Number of Cinema Tickets Sold	
Wednesday	🎫🎫🎫🎫🎫🎫
Thursday	🎫🎫🎫🎫🎫🎫
Friday	🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫
Saturday	🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫🎫

A. In total, how many tickets were sold on the two quietest days?

B. How many more tickets were sold on the busiest day than the quietest day?

C. How many tickets were sold on the second busiest day?



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Homework/Extension

Interpret Pictograms (1-1)

Developing

1. A. 8; B. 27; C. Tuesday
2. A. 10; B. 6; C. 8
3. B is the odd one out. The answer to both A and C is 7 but the answer to B is 8.

Expected

4. A. 25, B. 5, C. Tuesday
5. A. 13; B. 15; C. 9
6. The odd one out is C. The answer to both A and B is 6 but the answer to C is 4.

Greater Depth

7. A. 4; B. 3; C. Wednesday
8. A. 9; B. 11; C. 13
9. B is the odd one out. The answer to both A and C is 13 but the answer to B is 9.