

Tuesday 30th June Maths

Warm up – High 5 – Complete one set of the below questions. Answers are at the bottom of this document.

Mild

- 1) $651 + 207 =$
- 2) $691 - 185 =$
- 3) $17 \times 3 =$
- 4) $132 \div 6 =$
- 5) $8/10$ is the same as how many fifths?

Spicy

- 1) $8493 + ? = 10,000$
- 2) $7621 - ? = 4512$
- 3) $25 \times 3 =$
- 4) $271 \div 6 =$
- 5) What is the total of $9/12 + 3/12$?

Hot

- 1) $? + 7612 = 10,000$
- 2) $8389 - ? = 5412$
- 3) $165 \times 8 =$
- 4) $652 \div 7 =$
- 5) Alfie has $5/12$ of £36, he spends $1/5$ of his money on biscuits. How much money does he have left?

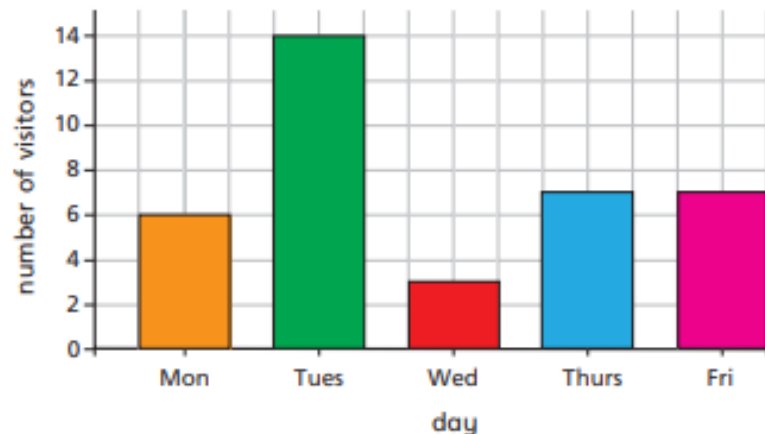
Main lesson:

Watch the video for this lesson:

<https://whiterosemaths.com/homelearning/year-4/> Then complete the activities on the following pages in your work book.

Comparison, sum and difference

- 1 The bar chart shows the number of visitors to a museum in a week.



- a) How many more visitors went to the museum on Tuesday than on Wednesday?
- b) What is the difference between the number of visitors on Monday and the number of visitors on Friday?
- c) What was the total number of visitors for the whole week?
- d) If there were 3 times as many visitors on Saturday as there were on Thursday, how many people visited on Saturday?

- 2 The pictogram shows the points scored in a game by five teams.

Team	Points
Red	
Blue	
Green	
Yellow	
Pink	

Key = 4 points

- a) Write $<$, $>$ or $=$ to compare the points scored by the teams.

- Red Blue and Green
- Red and Blue Green and Yellow
- Red and Green Yellow and Blue
- Blue and Green Yellow






- b) The Pink team scored half the number of points that the Green team scored.
Complete the pictogram for the Pink team.
- c) Teddy is working out the difference in points between the Red and Green teams.




I can work out how many points each team scored and then subtract one from the other.

Is there another way Teddy could work out the answer?

- 3 Two children are asked to find out how many hours of sunshine there were altogether.

Country	Number of hours sunshine
Spain	
UK	
Italy	
Germany	
Iceland	

Key  = 3 hours

a)



I can find out how many hours sunshine each country has and then add up all the totals.

Use Mo's method to calculate the total hours of sunshine.

hours

b)

I can count how many sunshine symbols there are altogether and multiply that by 3



Use Rosie's method to calculate the total hours of sunshine.

hours

Which method is the most efficient?
Will that always be the case?



- 4 The table shows the number of men and women who watched three different films.

Film	Women	Men	Total
A	364	618	
B	411		895
C	609	255	
Total		1,357	

a) Complete the table.

b) Are these statements true or false?

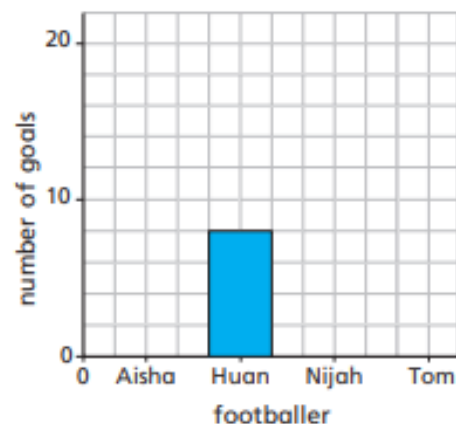
More women than men watched one of the films. _____

Film B was the most popular. _____

- 5 The bar chart represents the number of goals scored by four footballers.

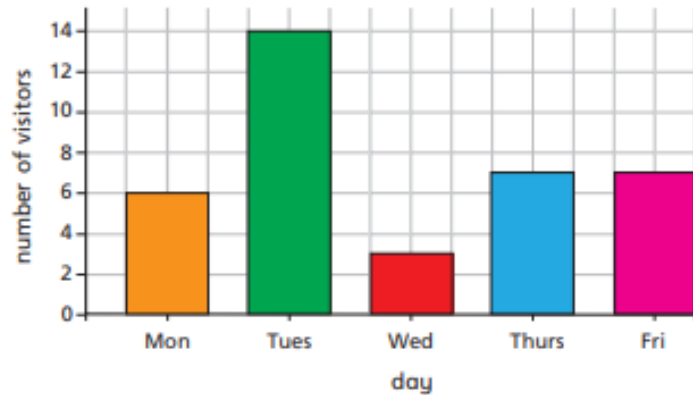
Use the clues to complete the bar chart.

- Tom has scored 13 fewer goals than Aisha.
- Aisha has scored twice as many goals as Huan.
- Huan and Nijah combined have scored a total of 20 goals.



ANSWERS

- 1 The bar chart shows the number of visitors to a museum in a week.



- a) How many more visitors went to the museum on Tuesday than on Wednesday?
- b) What is the difference between the number of visitors on Monday and the number of visitors on Friday?
- c) What was the total number of visitors for the whole week?
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Team	Points
Red	
Blue	
Green	
Yellow	
Pink	

Key = 4 points

- a) Write $<$, $>$ or $=$ to compare the points scored by the teams.

Red $<$ Blue and Green
 Red and Blue $<$ Green and Yellow
 Red and Green $=$ Yellow and Blue
 Blue and Green $=$ Yellow

- b) The Pink team scored half the number of points that the Green team scored.

Complete the pictogram for the Pink team.






- c) Teddy is working out the difference in points between the Red and Green teams.




I can work out how many points each team scored and then subtract one from the other.

Is there another way Teddy could work out the answer?

- 3 Two children are asked to find out how many hours of sunshine there were altogether.

Country	Number of hours sunshine
Spain	
UK	
Italy	
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Key  = 3 hours

a)



I can find out how many hours sunshine each country has and then add up all the totals.

Use Mo's method to calculate the total hours of sunshine.

54 hours

b)

I can count how many sunshine symbols there are altogether and multiply that by 3



Use Rosie's method to calculate the total hours of sunshine.

54 hours

Which method is the most efficient?
Will that always be the case?



- 4 The table shows the number of men and women who watched three different films.

Film	Women	Men	Total
A	364	618	982
B	411	484	895
C	609	255	864
Total	1,384	1,357	2,741

a) Complete the table.

b) Are these statements true or false?

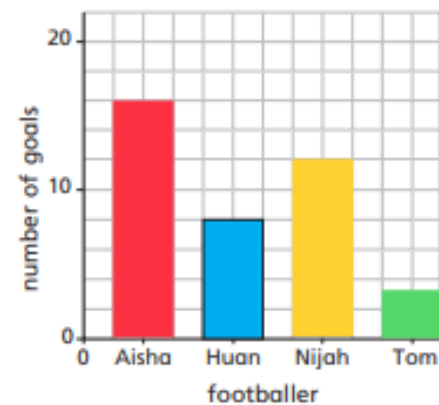
More women than men watched one of the films. true

Film B was the most popular. false

- 5 The bar chart represents the number of goals scored by four footballers.

Use the clues to complete the bar chart.

- Tom has scored 13 fewer goals than Aisha.
- Aisha has scored twice as many goals as Huan.
- Huan and Nijah combined have scored a total of 20 goals.



Mild

- 1) $651 + 207 = 858$
- 2) $691 - 185 = 506$
- 3) $17 \times 3 = 51$
- 4) $132 \div 6 = 22$
- 5) $8/10$ is the same as how many fifths? $4/5$

Spicy

- 6) $8493 + 1507 = 10,000$
- 7) $7621 - 3109 = 4512$
- 8) $25 \times 3 = 75$
- 9) $271 \div 6 = 45 \text{ r}1$
- 10) What is the total of $9/12 + 3/12$? $12/12$ or 1 whole.

Hot

- 6) $2388 + 7612 = 10,000$
- 7) $8389 - 2977 = 5412$
- 8) $165 \times 8 = 1320$
- 9) $652 \div 7 = 93 \text{ r}1$
- 10) Alfie has $5/12$ of £36, he spends $1/5$ of his money on biscuits. How much money does he have left? £12.

