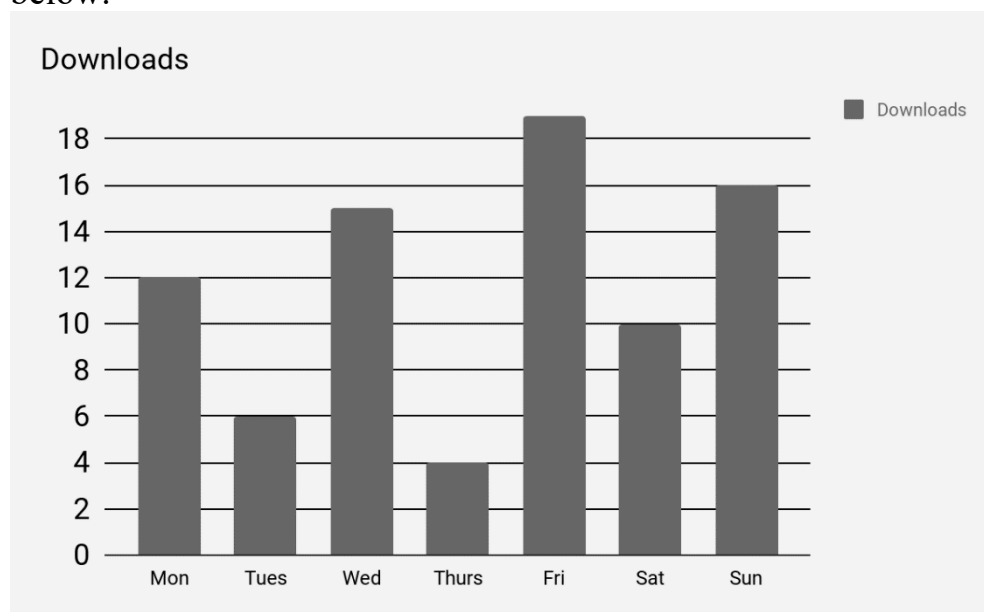


**Q5 (Bar Chart-Frac of Num) Day 46 Name:** \_\_\_\_\_

1. Sam loves music and downloads different songs from the internet each week. He records the number of songs he downloads each day over the week. He compiles his results in a bar chart. Use the bar chart to answer the questions below.



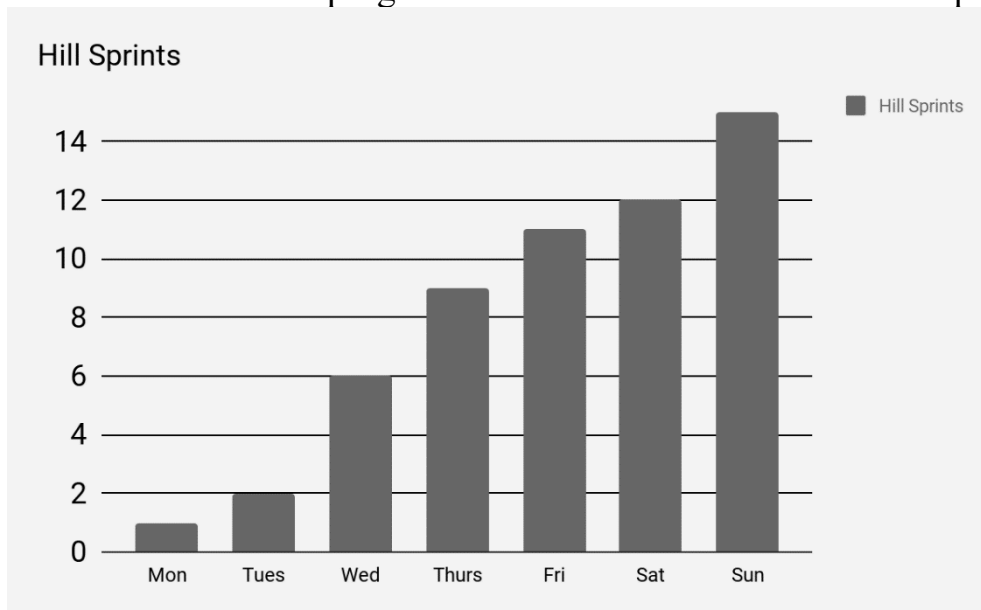
a) How many downloads did he record in total over the week? Write your answer in the space below.

\_\_\_\_\_ downloads

b) One of the days had  $\frac{1}{4}$  of the downloads of another day. Write your answer in the spaces below to make the sentence correct.

The number of downloads on \_\_\_\_\_ was  $\frac{1}{4}$  of the amount of  
downloads on \_\_\_\_\_.

2. John has been given a training regime to follow that includes hill sprints. He tries to increase the number he completes each day over a week. He creates a bar chart to show his progress. Use the bar chart to answer the questions below.



a) How many hill sprints did he complete in total over the week? Write your answer in the space below.

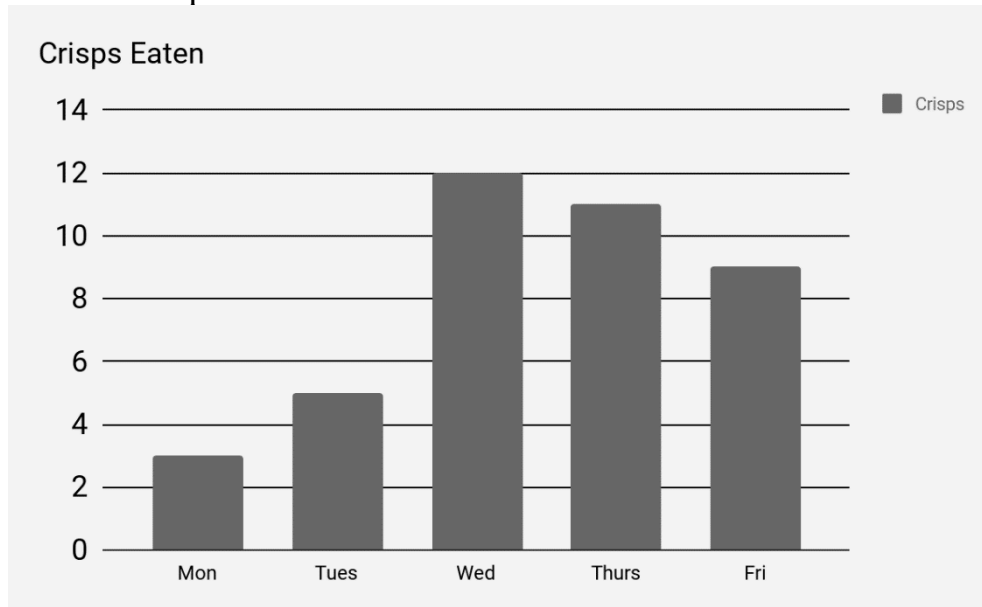
\_\_\_\_\_ hill sprints

b) On one of the days John completed  $\frac{1}{2}$  the amount of hill sprints than that of another day. Write your answer in the spaces below to make the sentence correct.

The amount of hill sprints on \_\_\_\_\_ was  $\frac{1}{2}$  of the amount of hill sprints on \_\_\_\_\_.

---

3. Jen loves to eat crisps, but she knows that they aren't very good to eat all the time. She decides to record the number of packets of crisps she eats over a 5-day period to see how many she is eating and if she needs to cut down. She creates a bar chart to show the number of packets she eats. Use the bar chart to answer the questions below.



a) How many packets of crisps did she eat in total over the 5-day period? Write your answer in the space below.

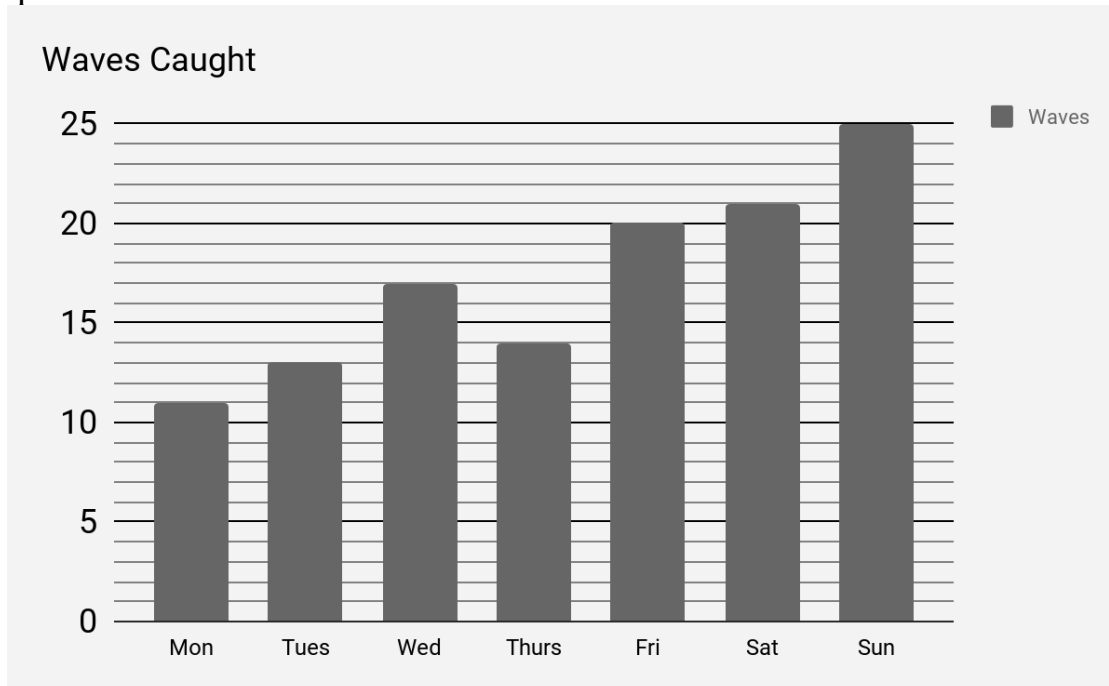
\_\_\_\_\_ packets of crisps

b) On one of the days Jen eats  $\frac{1}{3}$  the number of packets of crisps than that of another day. Write your answer in the spaces below to make the sentence correct.

The number of packets of crisps eaten on \_\_\_\_\_ was  $\frac{1}{3}$  of the amount of packets of crisps eaten on \_\_\_\_\_.

---

4. Ruth is learning to surf, and she goes on an intensive weeks tuition. Every day she is out surfing over a period of a week and she records the number of waves she catches each day to see if she is improving. She creates a bar chart to show the number of waves she caught each day. Use the bar chart to answer the questions below.



a) How many waves did she catch in total over the week? Write your answer in the space below.

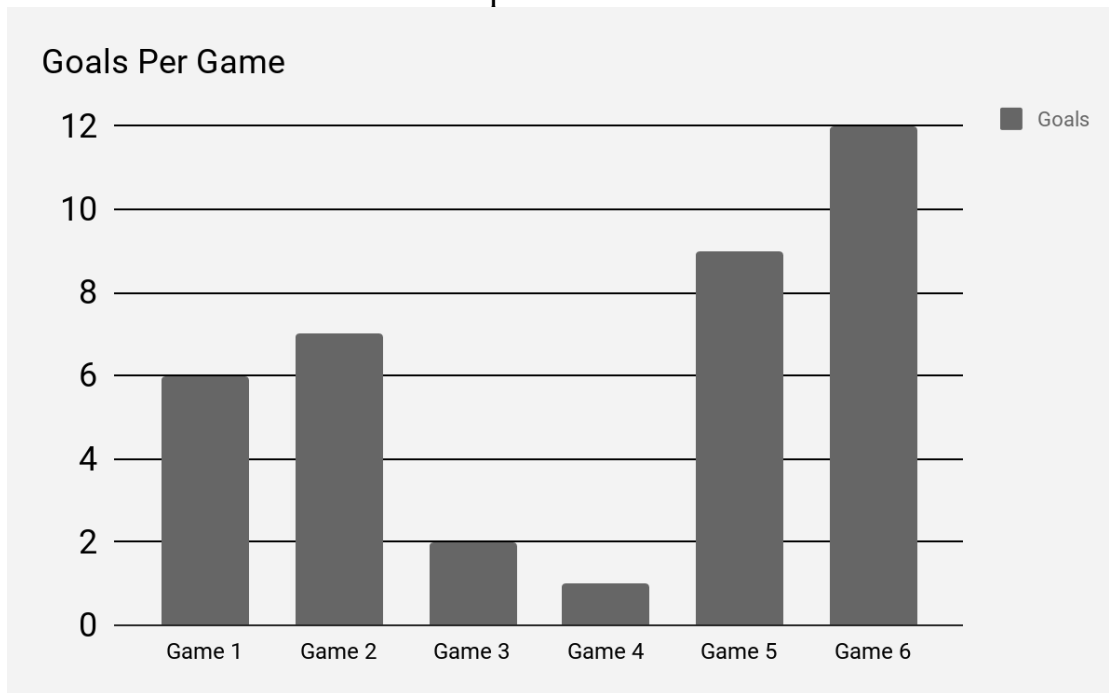
\_\_\_\_\_ waves

b) On one of the days Ruth caught  $\frac{4}{5}$  of the number of waves than that of another day. Write your answer in the spaces below to make the sentence correct.

The number of waves caught on \_\_\_\_\_ was  $\frac{4}{5}$  of the amount of waves caught on \_\_\_\_\_.

---

5. Ben is playing for his local football team in a tournament. Over the day they play six games against different opposition. He decided to record the number of goals his team scores in the six matches and enters the results into a bar chart. Use the bar chart to answer the questions below.



a) How many goals did Ben's team score over the tournament? Write your answer in the space below.

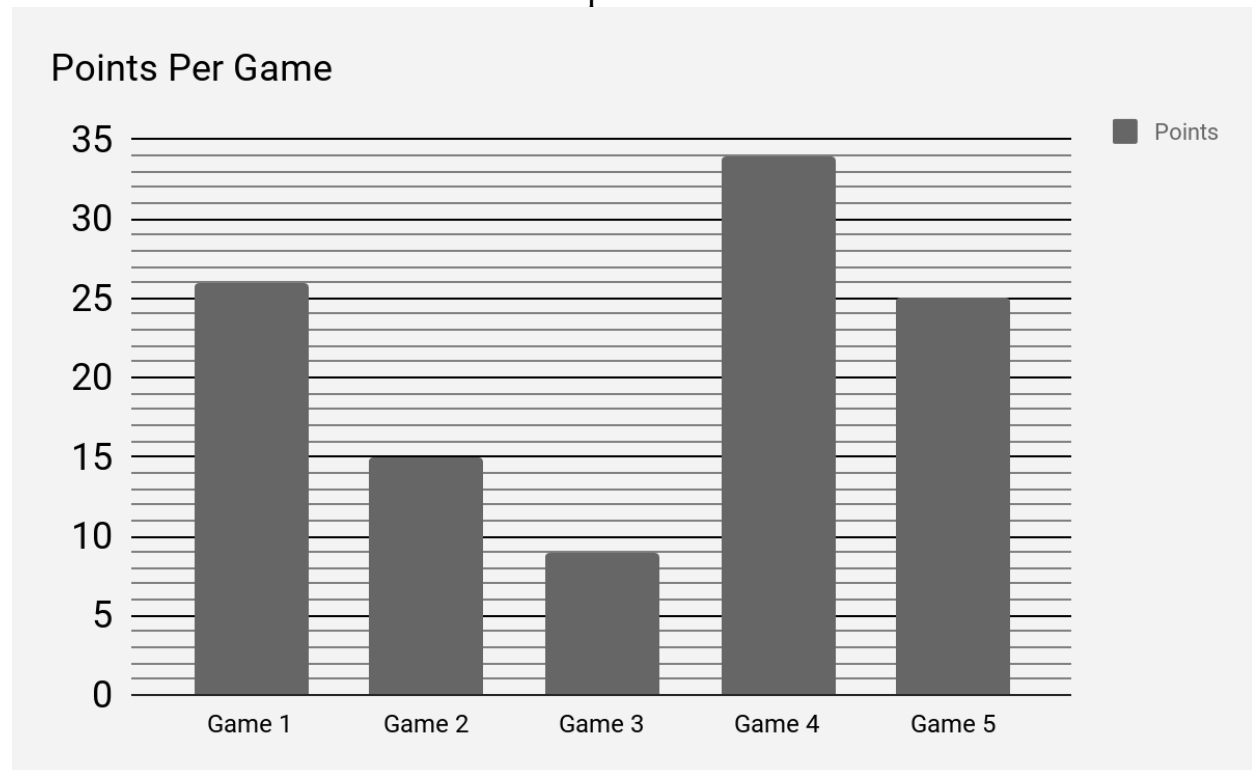
\_\_\_\_\_ goals

b) In one of the games Ben's team scored  $\frac{2}{3}$  of the amount of goals than that of another game. Write your answer in the spaces below to make the sentence correct.

The amount of goals scored in game \_\_\_\_\_ was  $\frac{2}{3}$  of the amount of goals scored in game \_\_\_\_\_.

---

6. Patrick is playing for his local rugby team in a tournament. Over the day they play five games against different opposition. He decided to record the number of points his team scores in the five matches and enters the results into a bar chart. Use the bar chart to answer the questions below.



a) How many points did Patrick's team score over the tournament? Write your answer in the space below.

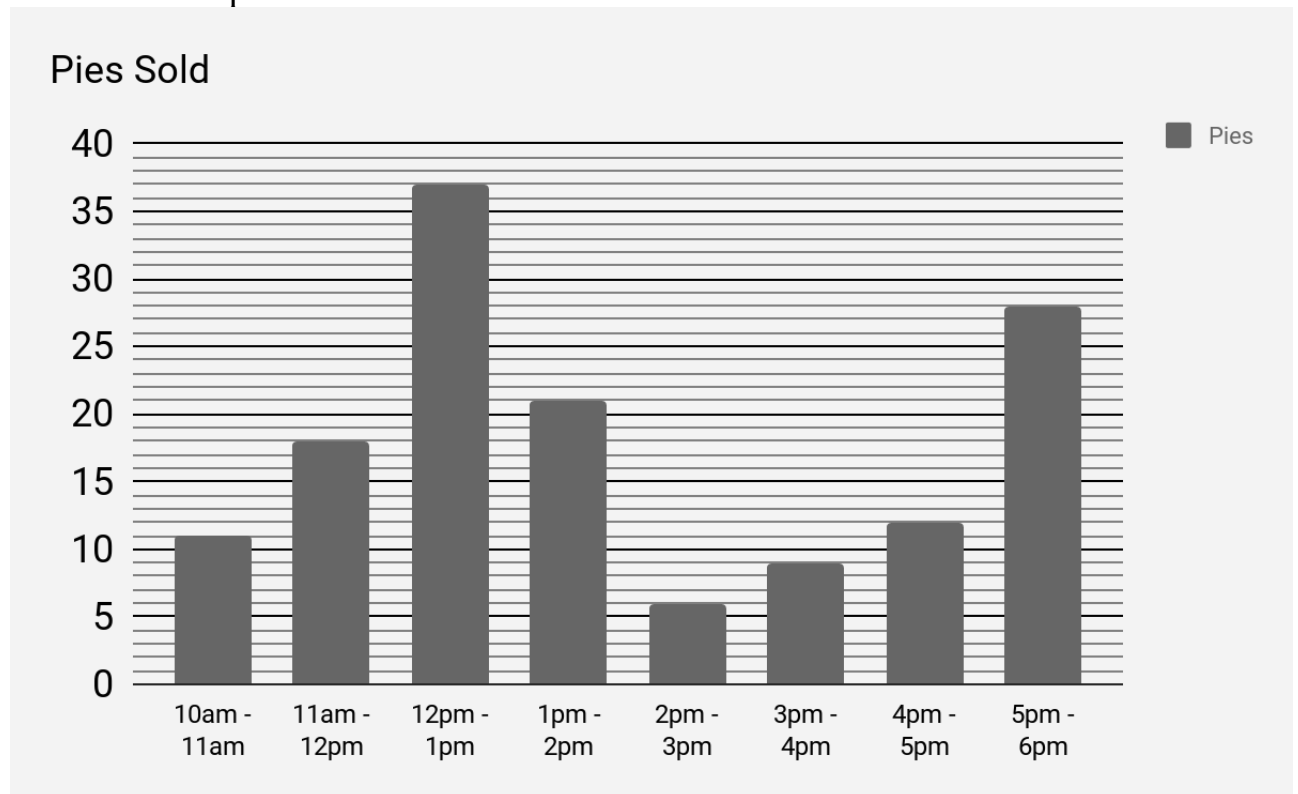
\_\_\_\_\_ points

b) In one of the games Patrick's team scored  $\frac{3}{5}$  of the amount of points than that of another game. Write your answer in the spaces below to make the sentence correct.

The amount of points scored in game \_\_\_\_\_ was  $\frac{3}{5}$  of the amount of points scored in game \_\_\_\_\_.

---

7. Johnny has a pie company and is selling his pies at the local food and drink festival. He decides to record the number of pies sold over the day in 1-hour periods. He compiles his results and puts them into a bar chart. Use the bar chart to answer the questions below.



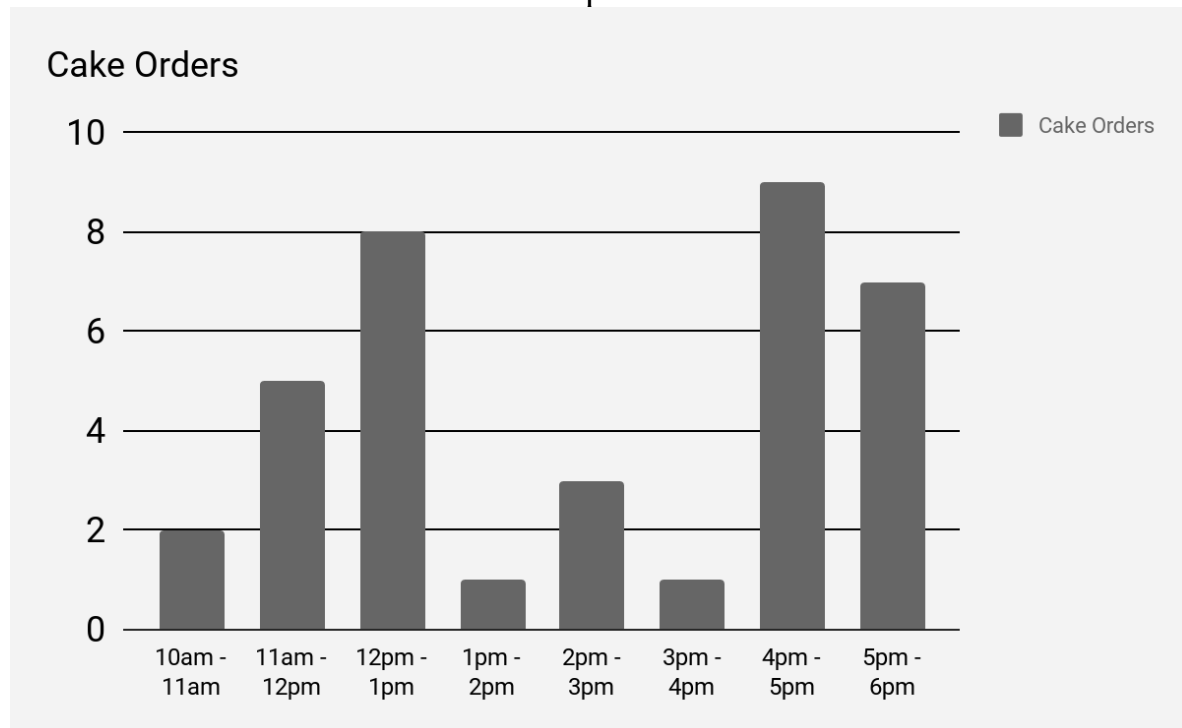
a) How many pies did Johnny sell **between 1pm and 6pm**? Write your answer in the space below.

\_\_\_\_\_ pies

b) In one of the hours Johnny sold  $\frac{1}{3}$  the amount of pies than that of another hour. Write your answer in the spaces below to make the sentence correct.

The amount of pies sold between \_\_\_\_\_ was  $\frac{1}{3}$  of the amount of pies sold between \_\_\_\_\_.

8. Jennifer runs a wedding cake business. She attends a wedding fair to gain orders for her business. She decides to record the number of orders she receives over the day in 1-hour periods. She compiles her results and puts them into a bar chart. Use the bar chart to answer the questions below.



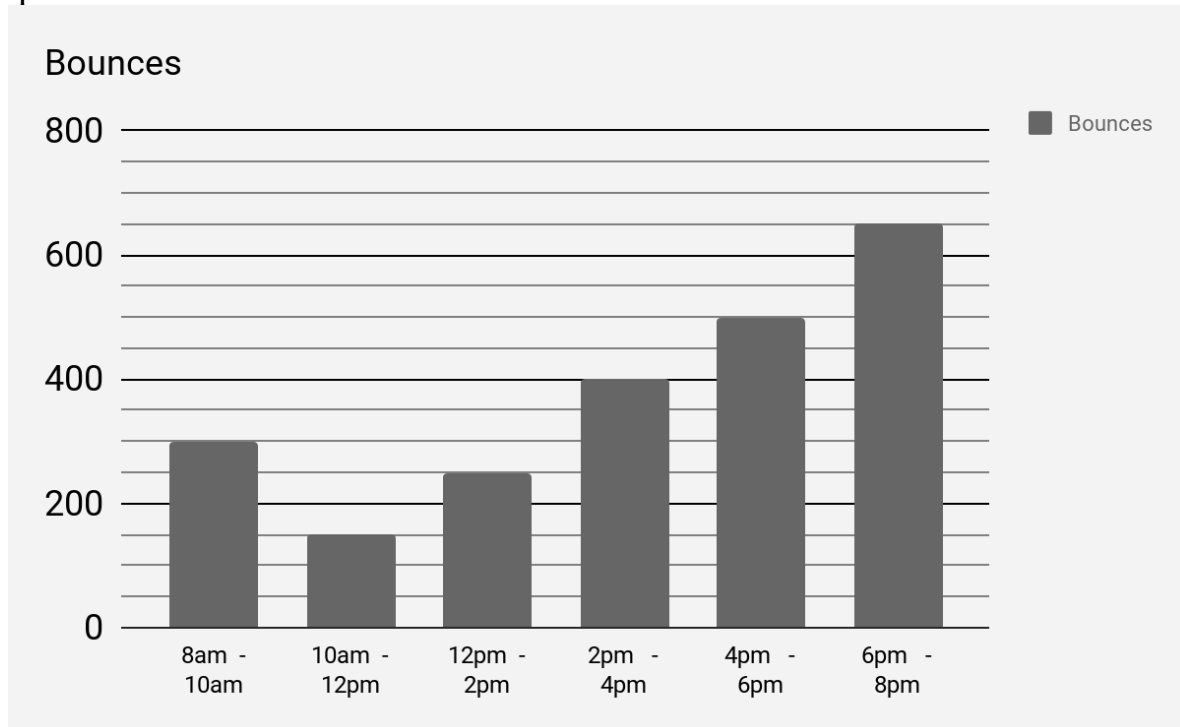
a) How many wedding cake orders did Jennifer get over the day? Write your answer in the space below.

\_\_\_\_\_ orders

b) In one of the hours Jennifer collected  $\frac{1}{4}$  the amount of orders than that of another hour. Write your answer in the spaces below to make the sentence correct.

The amount of orders collected between \_\_\_\_\_ was  $\frac{1}{4}$  of the amount of orders collected between \_\_\_\_\_.

9. Max has just got a new trampoline. He is out on it all day and decides to see how many bounces he can do over the whole day. He decides to record the number of bounces he completes over the day in two-hour periods. He compiles his results and puts them into a bar chart. Use the bar chart to answer the questions below.



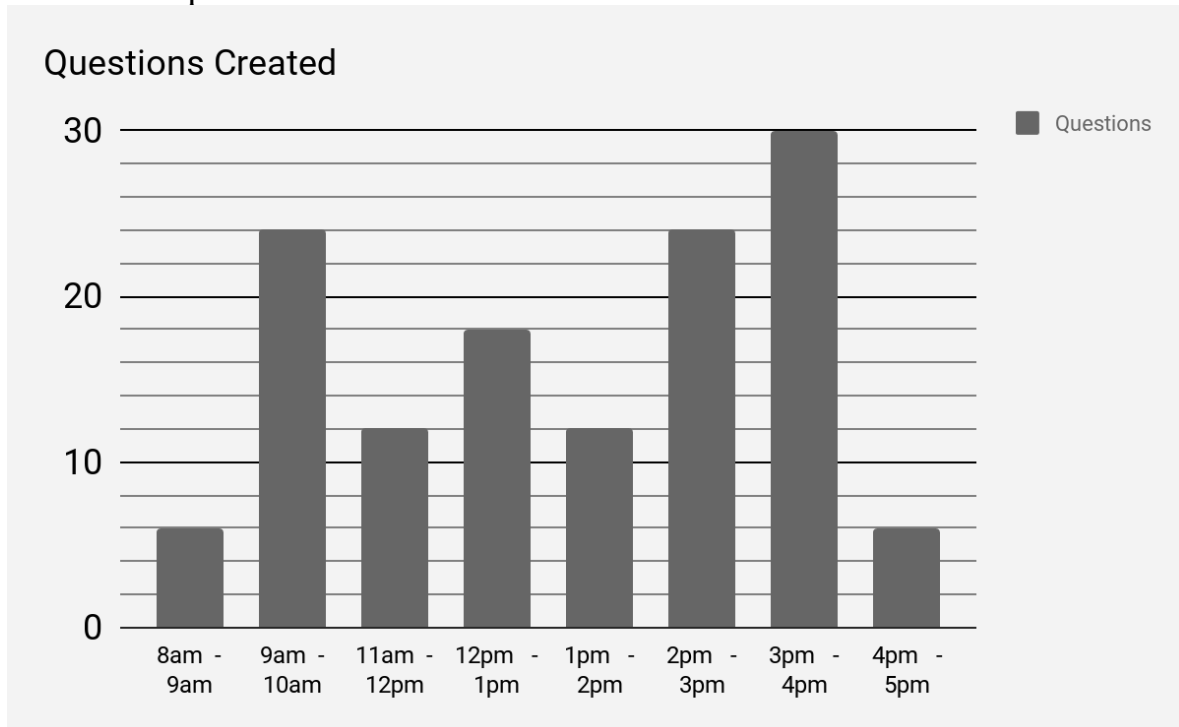
a) How many bounces did Max get over the day? Write your answer in the space below.

\_\_\_\_\_ bounces

b) In one of the 2-hour periods Max bounced  $\frac{3}{5}$  the amount of times than that of another 2-hour period. Write your answer in the spaces below to make the sentence correct.

The amount of bounces between \_\_\_\_\_ was  $\frac{3}{5}$  of the amount of  
bounces between \_\_\_\_\_.

**10.** Mr Stirling is working on a new worksheet to help his class with the AQE. He decides to record the number of questions he completes each hour over the day. He compiles his results and puts them into a bar chart. Use the bar chart to answer the questions below.



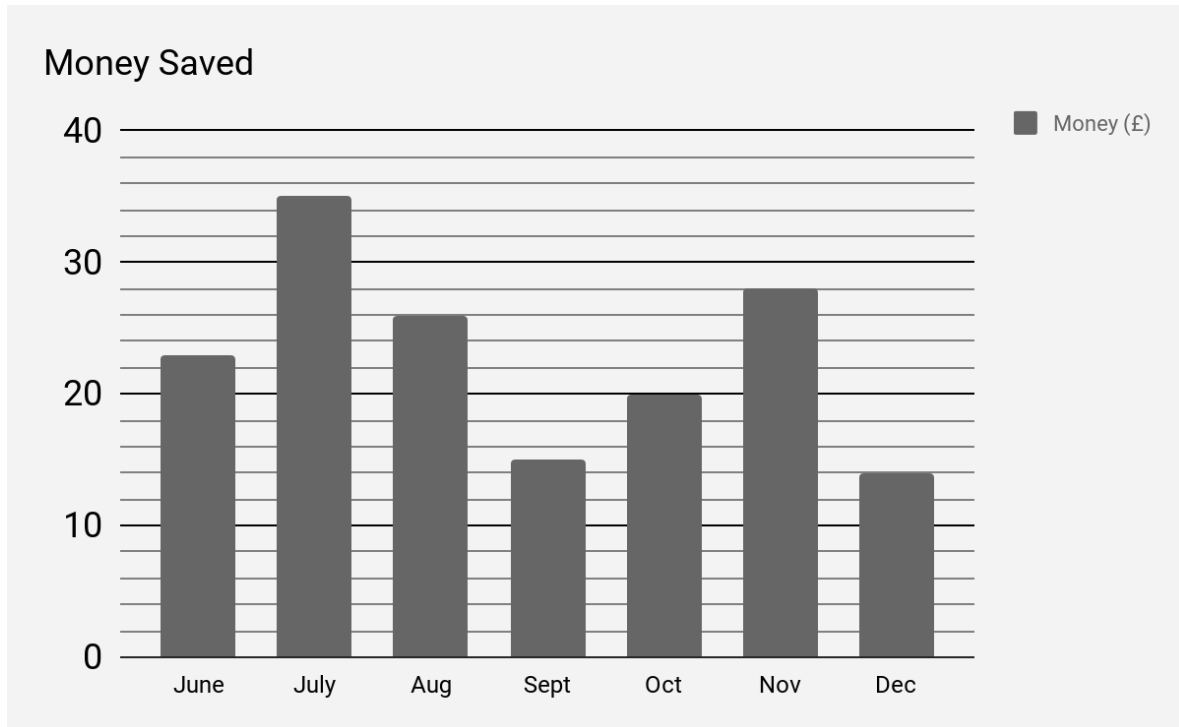
a) How many questions did Mr Stirling create over the day? Write your answer in the space below.

\_\_\_\_\_ questions

b) In one of the 1-hour periods Mr Stirling created  $\frac{3}{5}$  the amount of questions than that of another 1-hour period. Write your answer in the spaces below to make the sentence correct.

The amount of questions created between \_\_\_\_\_ was  $\frac{3}{5}$  of the amount of questions created between \_\_\_\_\_.

**11.** Grace has decided to start saving to buy gifts for Christmas. It is the start of July, so she has six months to save. She compiles her savings and puts them into a bar chart to track her progress. Use the bar chart to answer the questions below.



a) How much did Grace save over the six-month period? Write your answer in the space below.

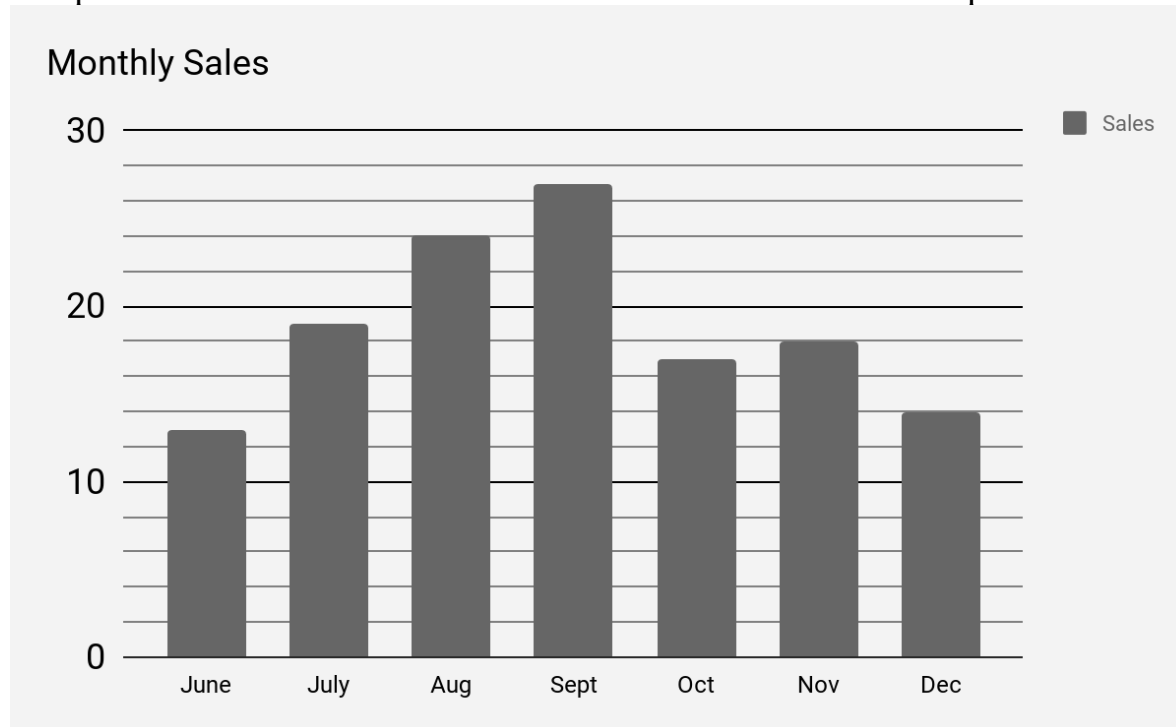
£ \_\_\_\_\_

b) In one of the months Grace saved  $\frac{4}{7}$  the amount of money than that of another month. Write your answer in the spaces below to make the sentence correct.

The amount of money saved in \_\_\_\_\_ was  $\frac{4}{7}$  of the amount of money saved in \_\_\_\_\_.

---

12. Michael is a salesman for his business. He sells lights to different companies. He decides to start recording the number of sales he makes each month over a 7-month period. He compiles the results into a bar chart to compare the different months. Use the bar chart the answer the questions below.



a) How sales did Michael make over the seven-month period? Write your answer in the space below.

\_\_\_\_\_ sales

b) In one of the months Michael made  $\frac{2}{3}$  the amount of sales than that of another month. Write your answer in the spaces below to make the sentence correct.

The amount of sales made in \_\_\_\_\_ was  $\frac{2}{3}$  of the amount of sales made in \_\_\_\_\_.

---

**Answers**

- |                   |  |
|-------------------|--|
| <b>1. a) 82</b>   | <b>b) Thursday – Sunday</b>                                    |
| <b>2. a) 56</b>   | <b>b) Wednesday – Saturday or Monday - Tuesday</b>             |
| <b>3. a) 40</b>   | <b>b) Monday – Friday</b>                                      |
| <b>4. a) 121</b>  | <b>b) Friday – Sunday</b>                                      |
| <b>5. a) 37</b>   | <b>b) 1 – 5</b>  |
| <b>6. a) 109</b>  | <b>b) 2 – 5 or 3 – 2</b>                                       |
| <b>7. a) 76</b>   | <b>b) 2pm-3pm                      11am – 12pm</b>             |
| <b>8. a) 36</b>   | <b>b) 10am – 11am                12pm – 1pm</b>                |
| <b>9. a) 2250</b> | <b>b) 8am – 10am and 4pm – 6pm or 10am-12pm and 12pm – 2pm</b> |
| <b>10.a) 132</b>  | <b>b) 12pm – 1pm                3pm – 4pm</b>                  |
| <b>11.a) 161</b>  | <b>b) October – July</b>                                       |
| <b>12.a) 132</b>  | <b>b) November – September</b>                                 |