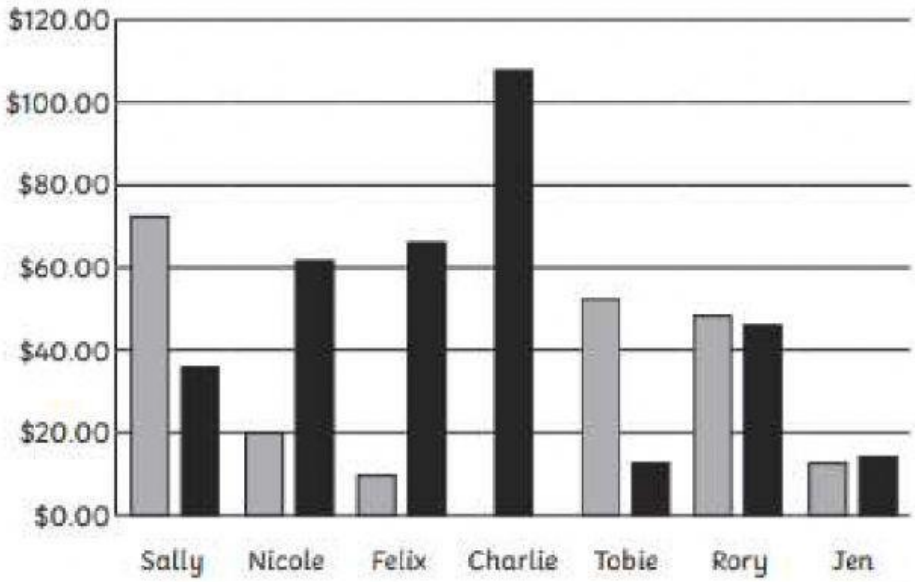
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Math 6 Quiz
Probability and Statistics Quarter 4

1. Some volunteers were asked to record what they spent at two different shops on a recent shopping spree.



	BigW	Kmart
Sally	$72	$37
Nicole	$20	$62
Felix	$10	$64
Charlie	$0	$108
Tobie	$53	$12
Rory	$49	$48
Jen	$12	$13

11 Points

a) How much did Sally spend in Kmart? _____

b) How much more did Rory spend in BigW than in Kmart? _____

c) Who spent $54 more in Kmart than in BigW? _____

d) How much money did Tobie spend in total? _____

e) How much money did Charlie spend in total? _____

f) Who spent $1 more in Kmart than in BigW? _____

LIVEWORKSHEETS

g) How much did Nicole and Rory spend in Kmart? _____

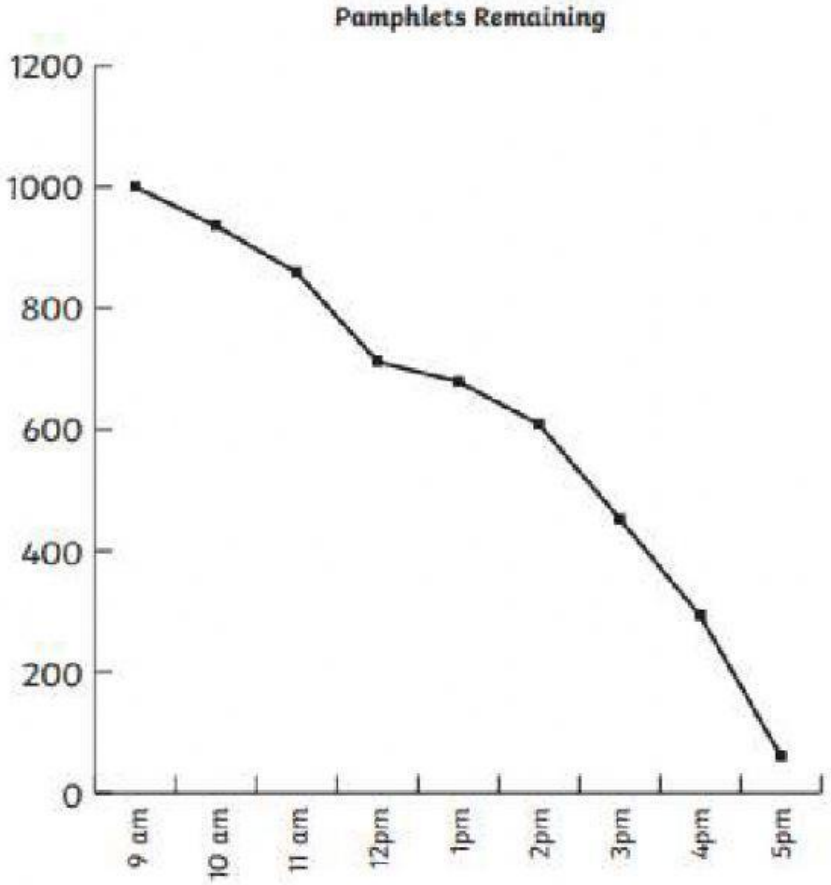
h) How much did Felix and Sally spend in BigW? _____

i) How much did Tobie and Felix spend in total? _____

j) Which shop earnt the most money from these shoppers? _____

k) How much more did they earn? _____

2. Ella was asked to hand out pamphlets and record the amount of pamphlets she had left at the end of each hour. Her results are below.



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Math 6 Quiz
Probability and Statistics Quarter 4

5 Points

a) How many pamphlets did Ella begin with? _____

b) How many pamphlets did Ella hand out between 10am and 11am?
_____

c) In which hour of the day did Ella hand out the most pamphlets? _____

d) How many pamphlets did Ella hand out between 11am and 1pm?
_____

e) How many pamphlets did Ella hand out in total? _____

3. Students were asked their favourite school subject. The results of the survey are below:

Subject	Total Votes
Mathematics	14
Reading	8
Writing	9
Handwriting	5
Science	11
History	10
Geography	10
PE	13
Music	7
Art	15

3 Points

a) Which is the most popular subject? _____

b) Which is the least popular subject? _____

c) How many students like PE and Writing? _____

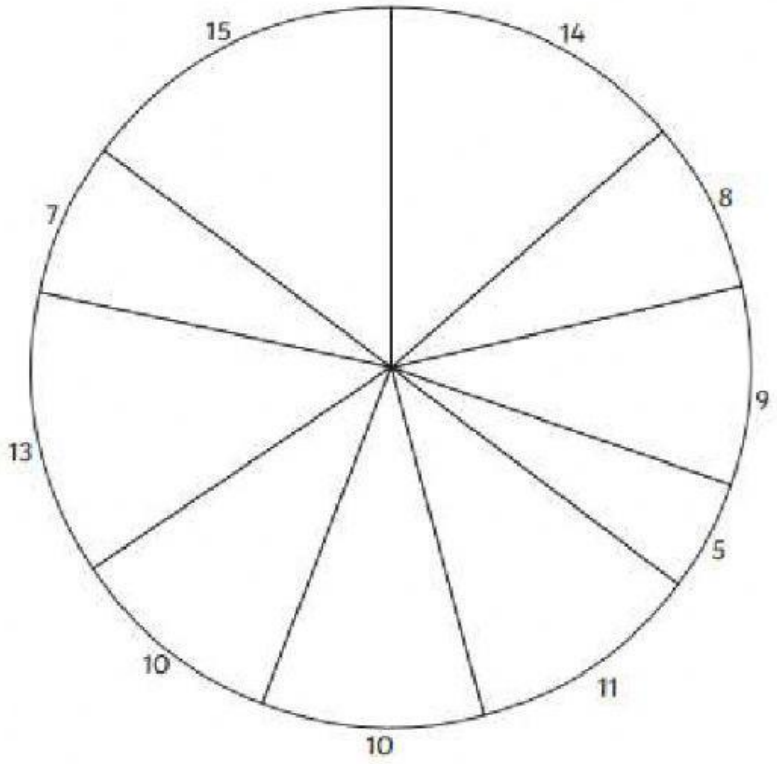
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Math 6 Quiz
Probability and Statistics Quarter 4

4. Find the percentage of: History, Art, Music, Math and Writing. Write the percentage in the correct place in the pie chart below:

10 Points



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Math 6 Quiz
Probability and Statistics Quarter 4

5. Order the following words on the likelihood of them occurring from least likely to most likely.

6 Points

Certain

Likely

Unlikely

Impossible

Even chance

Probably

6. On a scale of 1-5, what are the chances of these events occurring?

3 Points

1 = Certain

5 = Impossible

It will rain today.

I will go to the beach tomorrow.

I will receive a new kitten when I go home.

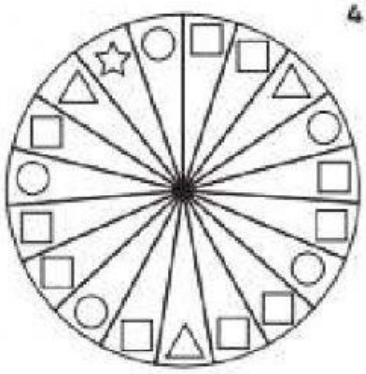
I will have a birthday next year.

I will be at school on Saturday.

The next Olympics are in 2019.

7. Have a look at the spinner below.

4 Points



What is the shape the spinner is most likely to land on?

What shape is the spinner least likely to land on?

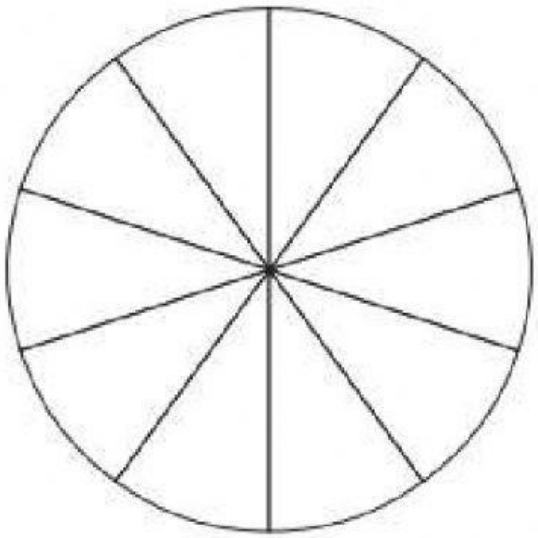
Write the likelihood of the spinner landing on a star as a fraction:

Write the likelihood of the spinner landing on a circle as a fraction:

LIVEWORKSHEETS

8. Colour the spinner so it has five blue, three yellow and two green sections.

9 Points



How many of the spaces are blue? Write your answer as a:

Fraction:

Decimal:

Percentage:

How many of the spaces are green? Write your answer as a:

Fraction:

Decimal:

Percentage:

How many of the spaces are yellow? Write your answer as a:

Fraction:

Decimal:

Percentage:

LIVEWORKSHEETS