

Data Handling
and Statistics 4

Additional Tasks

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## Quiz 1



$1 \quad$| $0.65,0.506,0.56$, |
| :--- |
| $0.065,0.06,0.605$. |

6) Order from least to greatest: $8,-3,5,-9,0,-7$.
7) Which number is largest? 0.002, 0.02, 0.0202, 0.020000, 0.0020.


Example 1


Calculate the median, mode, mean and range of the following data set. 17, 14, 11, 18, 19, 13, 17, 12.





Think of 3 numbers that could belong to each region. If you think a region is impossible to fill, explain why!
$\square$
$\square$


$\widehat{\mid \boldsymbol{D} \zeta}$ $\square$





Think of 4 numbers that could belong to each region. If you think a region is impossible to fill, explain why!
$\square$
$\square$

$\square$
$\stackrel{\wedge}{\mathrm{D}\}}$ $\square$





## Quiz 4

## W 1)


I
4)

| Pictogram to show the favourite film genre of 15 people |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Animation | $\square \square$ |  |  |  |  |  |  |
| Comedy | $\square \square$ | $\square$ | $\square$ |  |  |  |  |
| Horror | $\square \square$ |  |  |  |  |  |  |
|  |  | Key: | $\square=$ | $=2$ people |  |  |  |

5) 




## Venn Diagram Challenge 3



Think of 5 numbers that could belong to each region. If you think a region is impossible to fill, explain why!
$\square$
$\square$

$\square$
$\square$
Draw a pie chart for the following data showing the favourite colour for class 10R.

| Colour | Frequency |
| :---: | :---: |
| Red | 9 |
| Blue | 7 |
| Green | 5 |
| Yellow | 3 |

$9+7+5+3=24$
$360^{\circ} \div 24=15^{\circ}$

## Piecharttostion

 10R's favauritecolourRed: $9 \times 15^{\circ}=135^{\circ}$
Blue: $7 \times 15^{\circ}=105^{\circ}$
Green: $5 \times 15^{\circ}=75^{\circ}$
Yellow: $3 \times 15^{\circ}=45^{\circ}$



## Interpreting a Pie Chart



1) Catrin said "More people like prawn cocktail than ready salted". Do you agree with Catrin? Explain your answer.
2) What percentage of all the learners from School A liked prawn cocktail best?
3) 252 learners liked salt and vinegar best. How many learners liked cheese and onion best?


## Pie chart to show the

 favourite crisp flavour for learners from School B- Ready Salted
- Salt and Vinegar
- Cheese and Onion
- Prawn Cocktail

4) Dion said "More people liked cheese and onion in School A than School B". Is Dion correct? Explain your answer.

