



## Foundation Interleaving Quiz

Branch 2 Quiz 2

school.

Walk  $\infty$ 

S<sub>E</sub> 6

Bus

Other

00000

a) What fraction of the school have packed 1) At a school students take part in a survey about their lunch arrangements lunches? Circle your answer.  $school\ dinners: packed\ lunches = 5:3$ 1 mark) 4) The table shows how 20 students travel to

312 ω ι ω a) Draw a bar chart to show this information.

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dinners than packed lunches. Work out the total number of students in the school. b) There are 128 more students who have school (3 marks)

neights

Scrule (4 marks)

Answer:

OA

2) a) Expand 4(2x-5)

(1 mark) reason

b) Expand and simplify 5x - (2x + 4)800

~

Answer:

(2 marks)

C

made of transport

3) Workout the length of side x. (3 marks)

Answer:

8

t

Give your answer to 3 significant figures.

15 cm 2

2 11

Answer: x lan(36 89cm

4

Charts and Averages

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b) Which method of transport was the mode? (1 mark)

|   | Answer: Walk              | 5 |   |   |              |
|---|---------------------------|---|---|---|--------------|
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| 1 | Ratio Problem             |   |   |   |              |
| 2 | Expand and simplify       |   |   |   | 0.521010000  |
| 3 | Right Angled Trigonometry |   |   |   | Track Street |
|   |                           |   | L | L |              |



a) What is  $\frac{2}{5}$  as a percentage. Circle your answer.

20% 25%

2.5%



(1 mark)

b) Write 0.7 as a percentage. Circle your answer.



(1 mark)

70%

0.07%

0.7%

7%

c) Write 125% as a decimal

Circle your answer

0.125

1.025

1.25

12.5 (1 mark)

SOXS

(3 marks)

Q

Answer:



4) 80 people took a test.

52 people were female. 13 females failed.

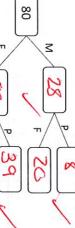
47 people passed in total.

2) Three straight lines are shown.

Work out the value of x.

(4 marks) a) Complete the frequency tree.

(3 marks)



b) What proportion of males passed the test?

(2 marks)

 $\Re(x-2)=x+6$ 10=2+6

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Answer:

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Answer: 28.6%.

| Topic Fractions, Decimals & Percentages | Topic $\sum$ s, Decimals & ages | 2 Form a                 | Lei Cei I | Q Fraction                  |
|---|---------------------------------|--------------------------|-----------|-----------------------------|
|   | M                               | Form and Solve Equations | illages   | Topic Fractions, Decimals & |
|   | M                               | tions                    |           |                             |
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## 0000 Branch 2 **Foundation Interleaving Quiz**









**Home Study Focus** 

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|---|--------------|--------------|-----------|------------|-------|
|   | Venn Diagram | Area Problem | Factorise | Estimation | Торіс |
|   |              |              |           |            | M     |
|   |              |              |           |            | D     |
|   |              |              |           |            | AG    |
|   |              |              |           |            | G     |
| • | Completed    | Home Study   |           |            |       |

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| Q | Quiz 2                    |   |   |        |   |
|---|---------------------------|---|---|--------|---|
| Q | Торіс                     | M | æ | A<br>G | വ |
| 1 | Ratio Problem             |   |   |        |   |
| 2 | Expand and simplify       |   |   |        |   |
| 3 | Right Angled Trigonometry |   |   |        |   |
| 4 | Charts and Averages       |   |   |        |   |
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**Home Study Focus**