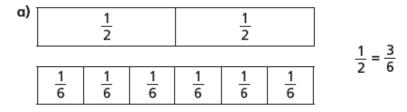
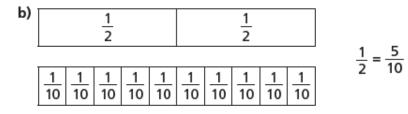
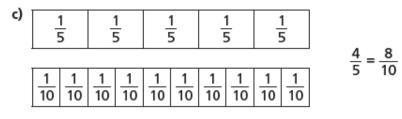
Lesson 2 – Equivalent Fractions (1)

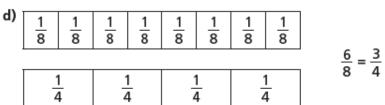
Equivalent fractions (1)

Shade the bar models to represent the equivalent fractions.

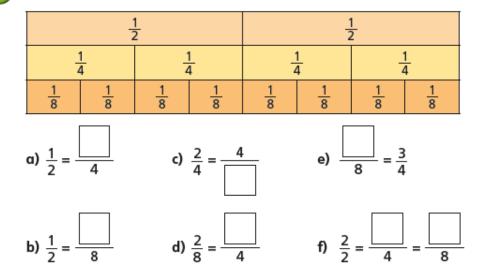








2) Use the fraction wall to complete the equivalent fractions.

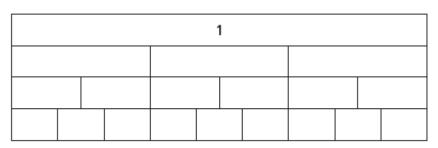




White Rose Maths

2

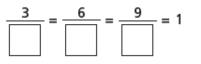
a) Label the fractions on the fraction wall.



b) Use the fraction wall to complete the equivalent fractions.

 $=\frac{6}{9}$





Here is a fraction wall.

| <u>1</u> 2 | | | | <u>1</u> 2 | | | | | | | | | | | |
|---------------|-----------------------------|---|---------------|-----------------------------|---|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|
| 13 | 3 | | | | <u>1</u> 3 | | | | <u>1</u> 3 | | | | | | |
| <u>1</u> 4 | <u>1</u> 4 | | | $\frac{1}{4}$ $\frac{1}{4}$ | | | | | $\frac{1}{4}$ | | | | | | |
| <u>1</u> 5 | $\frac{1}{5}$ $\frac{1}{5}$ | | | | <u>1</u> 5 | | <u>1</u> 5 | | $\frac{1}{5}$ | | | | | | |
| <u>1</u> 6 | _ <u>1</u> € | 5 | <u>1</u> 6 | | $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ | | <u>1</u> 6 |

Is each statement true or false? Tick your answers.

| | True | False | |
|---|------|-------|--|
| a) $\frac{1}{2}$ is equivalent to $\frac{3}{6}$ | | | |
| b) $\frac{2}{3}$ is equivalent to $\frac{3}{4}$ | | | |
| c) $\frac{2}{4}$ is equivalent to $\frac{3}{6}$ | | | |
| d) $\frac{2}{3}$ is equivalent to $\frac{4}{5}$ | | | |
| e) $\frac{2}{3}$ is equivalent to $\frac{4}{6}$ | | | |
| f) $\frac{3}{5}$ is equivalent to $\frac{4}{6}$ | | | |
| | | | |

Write your own equivalent fractions statements. Ask a partner to say if they are true or false.



Are the statements always, sometimes or never true? Circle your answer.

Draw a diagram to support your answer.

a) The greater the numerator, the greater the fraction.

| always | sometimes | never |
|--------|-----------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |

b) Fractions equivalent to one half have even numerators.

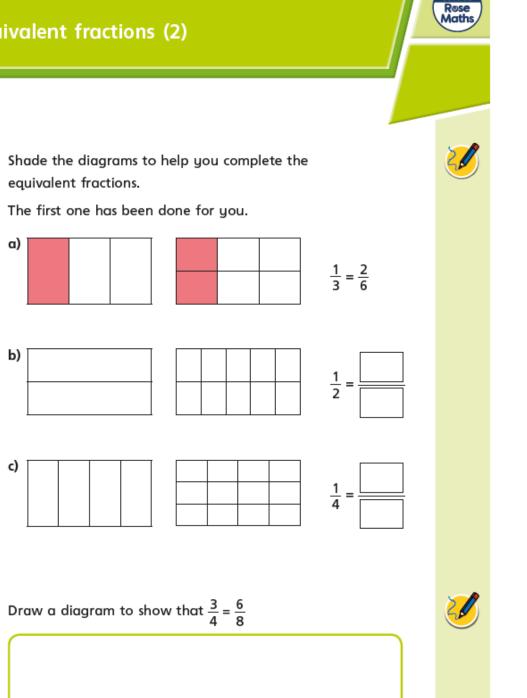
| always | sometimes | never |
|--------|-----------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |

c) If a fraction is equivalent to one half, the denominator will be double the numerator.

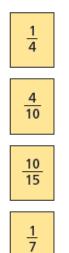
| always | sometimes | never |
|--------|-----------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |

Lesson 3 – Equivalent Fractions (2)

Equivalent fractions (2)



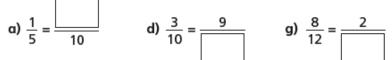
Match the equivalent fractions.

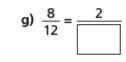


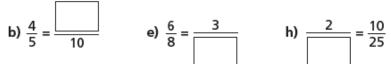


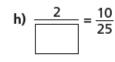


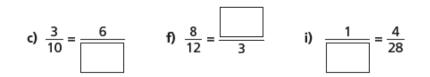
Complete the equivalent fractions.











a) Write the fractions in the correct place on the sorting diagram.

| <u>8</u> 24 | | <u>3</u> 12 | | <u>5</u> 15 | | <u>6</u> 24 | | <u>4</u> 12 | | <u>9</u> 36 | | <u>3</u> 9 | | <u>4</u> 16 |
|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|---------------|--|----------------|
|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|---------------|--|----------------|

| | equivalent to $rac{1}{3}$ | equivalent to $\frac{1}{4}$ |
|---------------------|----------------------------|-----------------------------|
| odd denominator | | |
| even denominator | | |

b) Are any of the boxes empty?

Why do you think this is?

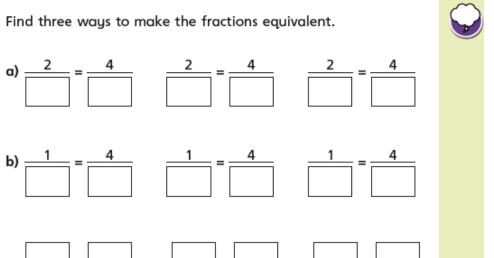
Talk about your answer with a partner.



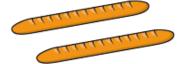
b) __

c)

Find three ways to make the fractions equivalent.



Eva and Ron have a baguette each. The baguettes are the same size.



Eva cuts her baguette into 8 equal pieces.

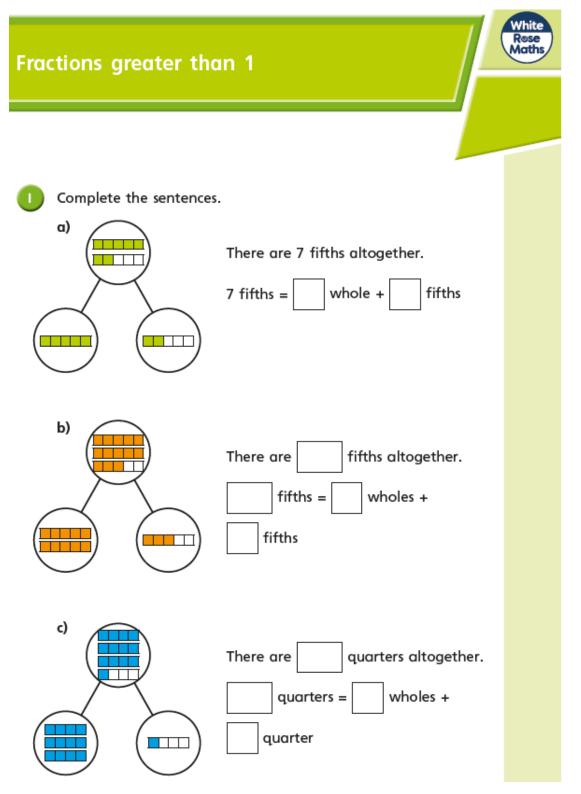
3 of my equal pieces are equal to 6 of Eva's.

How many equal pieces has Ron cut his baguette into?

Ron has cut his baguette into

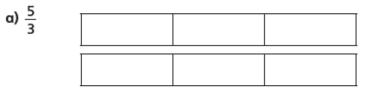


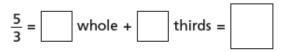
Lesson 4 – Fractions Greater Than 1



Shade the bar models to represent the fractions. 2

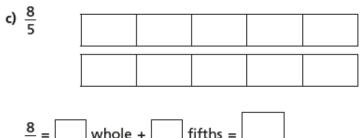
Complete the number sentences.

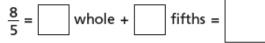


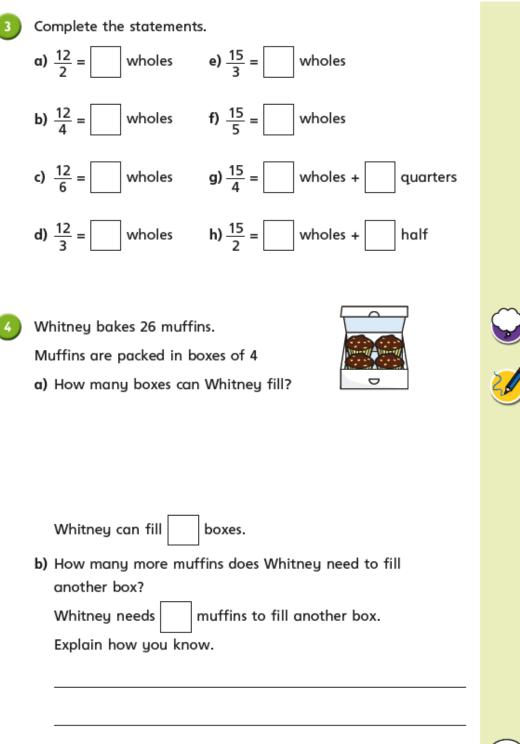


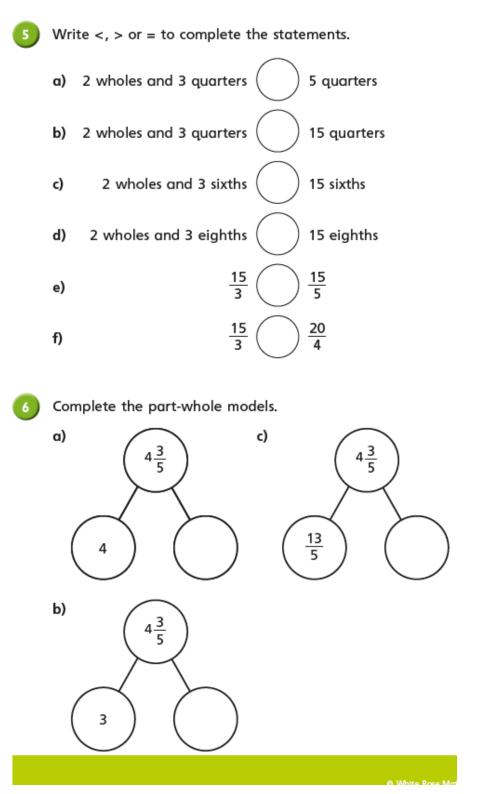










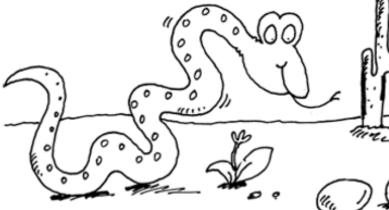


Problem Solving Challenges

Problem One

Susie the snake

Susie the snake has up to 20 eggs.



She counted her eggs in fours. She had 3 left over.

She counted them in fives. She had 4 left over.

How many eggs has Susie got?



Problem Two

Treasure hunt

Jed and Jake are pirates.

Between them they have three precious jewels: a ruby (R), a diamond (D) and an emerald (E).



Complete the table. Show what jewels each pirate could have.

