

Mrs Cairns' Maths Homework

Mrs Cairns' group.

Homework set 11.1.19 and to be handed in by 16.1.19

Can you explain what the following terms mean?

Equivalent, improper fraction, mixed fraction,

Mental - this week we have been learning our 4 times table

Can you complete the following questions?

$5 \times 4 =$

$2 \times 4 =$

$4 \times 4 =$

$1 \times 4 =$

$6 \times 4 =$

$3 \times 4 =$

$7 \times 4 =$

$8 \times 4 =$

Try these related division facts

$20 \div 4 =$

$12 \div 4 =$

$4 \div 4 =$

$24 \div 4 =$

$16 \div 4 =$

$8 \div 4 =$

$28 \div 4 =$

$32 \div 4 =$

In our lessons this week we have been converting improper fractions to mixed fractions.

Success criteria

1. Divide the numerator by the Denominator
2. How many whole ones do you get? Write it
3. The remaining number is the numerator which we write over the Denominator

1. $21/10$

2. $15/4$

3. $17/5$

This week we have also been converting mixed fractions to improper fractions.

Success criteria

- 1 Multiply the whole number by the D (denominator)
- 2 Add this to the N
- 3 Write the number over the D

4. $2 \frac{2}{3}$

5. $3 \frac{3}{5}$

6. $5 \frac{4}{7}$

Challenge - to multiply fractions

Success criteria

1. Multiply the N (numerator)
2. Multiply the D (denominator)
3. Write the new fraction - can you simply it?

7. $\frac{1}{2} \times \frac{3}{4}$

8. $4/6 \times 3/6$

9. $5/6 \times 6/10$

Reasoning question

The answer is $2 \frac{1}{4}$ what is the question?