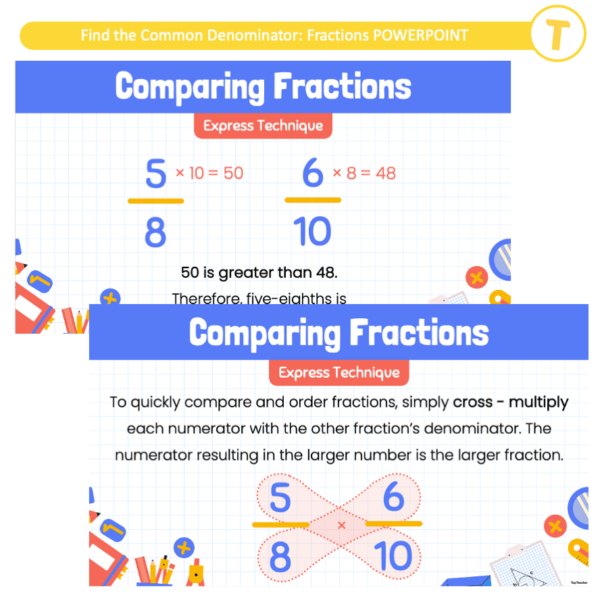
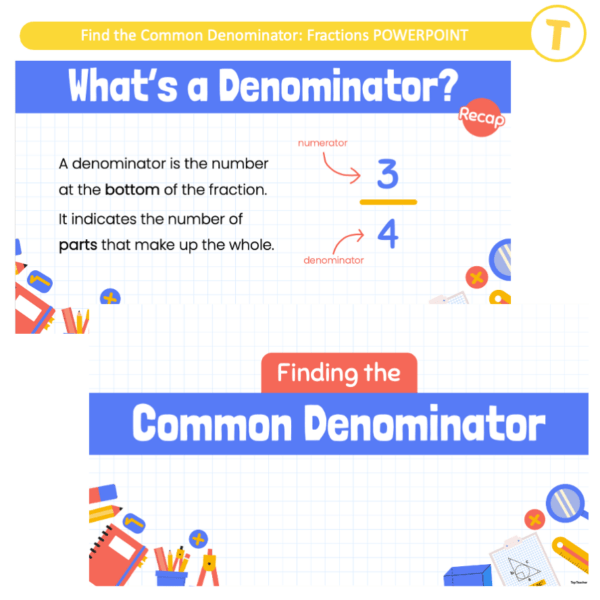
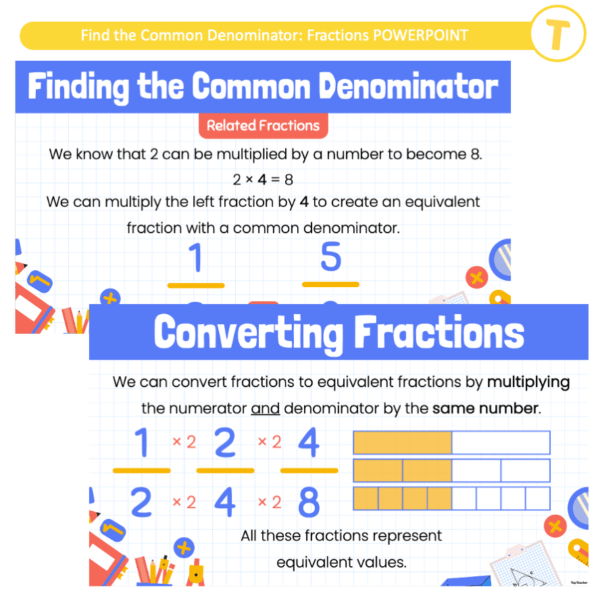
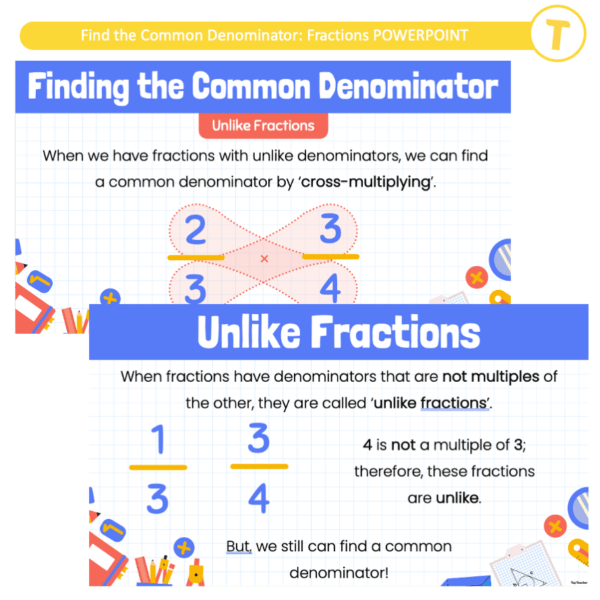
Machine generated alternative text:
Comparing and ordering decimals 
To compare two decimal numbers with digits in the same place value columns, you must compare 
the left-most digits first. Continue comparing digits as you move from left to right until you find 
two digits that are different. 
For example, compare 362.581 and 362.549. 
Hundreds Tens 
3 
3 
6 
6 
Units 
2 
2 
Tenths 
5 
5 
Decimal point 
Hundredths 
8 
4 
Thousandths 
9 
Both numbers have identical digits in the hundreds, tens, units and tenths columns. Only when 
we get to the hundredths column is there a difference. The 8 is bigger than the 4 and therefore 
362.581 > 362.549. 
Converting decimals to fractions 
• Count the number of decimal places used. 
• This is the number of zeros that you must place in the denominator. 
• Simplify the fraction if required. 
64 16 
For example: 0.64 = 
100 25 
Converting fractions to decimals 
If the denominator is a power of 10, simply change the fraction directly to a decimal from your 
knowledge of its place value. 
239 
For example: 
= 0.239 
1 ooo 
If the denominator is not a power of 10, try to find an equivalent fraction for which the 
denominator is a power of 10 and then convert to a decimal. 
3 
15 
——0.15 
For example: 
20 100 Machine generated alternative text:
O Which of the following is the mixed numeral equivalent of 8.17? 
17 
10 
17 
Which of the following is the mixed numeral equivalent of 5.75? 
75 
10 
25 
50 
17 
1000 
15 
20 
17 
100 
75 
1 ooo 
O State the missing numbers to complete the following statements to convert the fractions into 
decimals. 
11 
20 
0.5 
100 





A screenshot of a blue and yellow math results

AI-generated content may be incorrect.