Converting improper and mixed numbers

To convert an improper fraction to a mixed number you see how many times the denominator goes into the numerator. The remainder is the part of the fraction.

For example

Convert $\frac{13}{3}$ into a mixed number.

3 goes in to 13 four times with one left over. $4\frac{1}{3}$

Convert $\frac{17}{5}$ into a mixed number.

5 goes in to 17 three times with two left over. $3\frac{2}{5}$

Questions
Convert these improper fractions to mixed numbers

1). $^{11}/_2$ 2). $^{7}/_3$ 3). $^{7}/_4$ 4). $^{13}/_2$ 5). $^{13}/_4$ 6). $^{8}/_5$
7). $^{11}/_3$ 8). $^{15}/_4$ 9). $^{21}/_2$ 10). $^{12}/_5$ 11). $^{11}/_6$ 12). $^{22}/_5$

To convert a mixed number to an improper fraction you multiply the whole number by the denominator. This value is added to the numerator.

For example

Convert $1\frac{2}{3}$ into an improper fraction.

1 x 3 = 3

2 + 3 = 5 $\frac{5}{3}$

Convert $3\frac{2}{5}$ into a mixed number.

3 x 5 = 15

2 + 15 = 17 $\frac{17}{5}$

Convert these mixed numbers into improper fractions

1). $1\ ^{3}/_4$ 2). $2\ ^{1}/_3$ 3). $1\ ^{4}/_5$ 4). $3\ ^{1}/_2$ 5). $2\ ^{2}/_3$ 6). $1\ ^{5}/_6$
7). $3\ ^{3}/_4$ 8). $4\ ^{2}/_5$ 9). $2\ ^{5}/_8$ 10). $3\ ^{2}/_3$ 11). $1\ ^{7}/_{10}$ 12). $4\ ^{3}/_5$