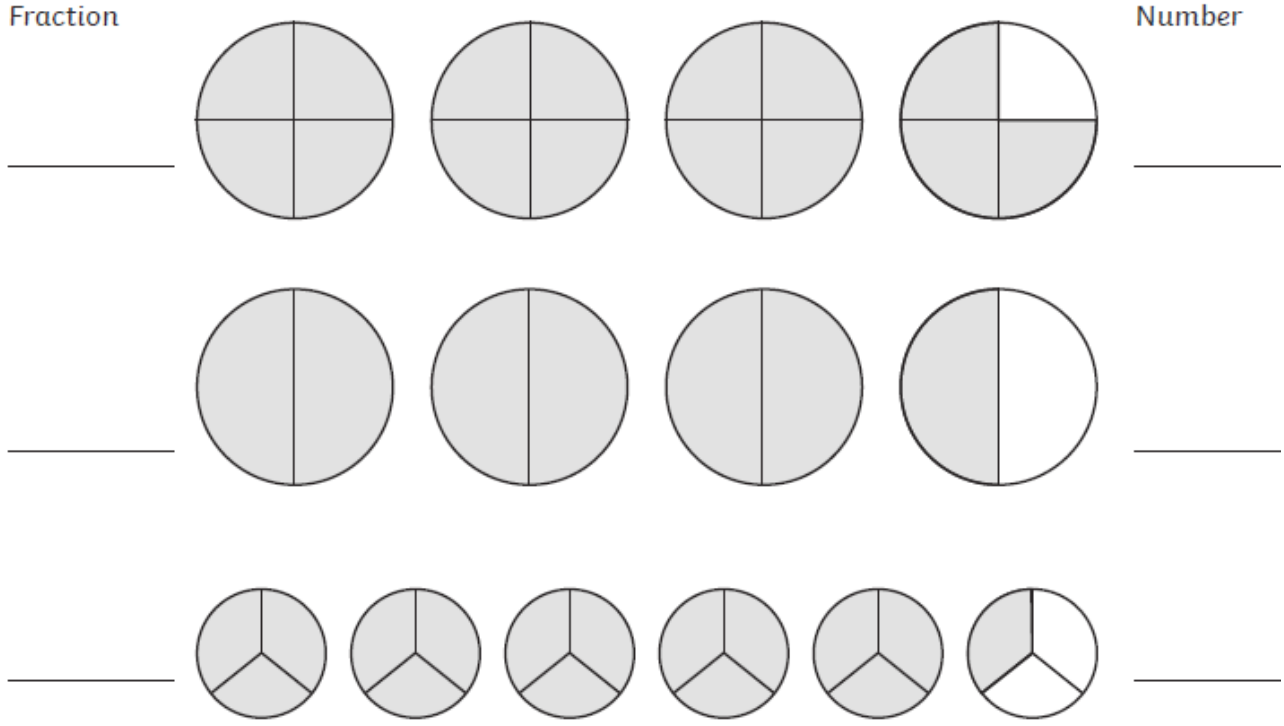
L.O. To understand improper fractions. **S**quare **H**exagon Remember to/that:	**What I think**	**What my teacher thinks**
The denominator in the number on the bottom of the fraction (the equal part)	◯	◯
The numerator in the number on the top of the fraction (the number of equal parts)	◯	◯
An improper fraction is greater than a whole one.	◯	◯
The numerator of an improper fraction is greater than the denominator.	◯	◯
Take away 'lots of' the denominator from numerator to determine how many 'whole ones'.	◯	◯
Record any 'left over' as a fraction.	◯	◯
Do me first; Write the Fact Family for 6 x 7 = Write the Fact Family for 60 x 7 =		

Write the proper fractions and mixed numbers represented by the shapes below.

Improper Fraction

Mixed Number



Write the following improper fractions as mixed numbers.

$\frac{22}{3}$ = _____ b) $\frac{14}{5}$ = _____ c) $\frac{23}{10}$ = _____ d) $\frac{34}{10}$ = _____ e) $\frac{21}{5}$ = _____

$\frac{5}{2}$ = _____ g) $\frac{16}{3}$ = _____ h) $\frac{19}{4}$ = _____ i) $\frac{31}{4}$ = _____ j) $\frac{30}{6}$ = _____

$\frac{21}{6}$ = _____ l) $\frac{17}{8}$ = _____ m) $\frac{19}{7}$ = _____ n) $\frac{22}{9}$ = _____ o) $\frac{27}{12}$ = _____

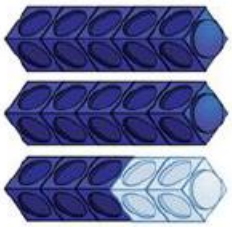
3 friends share some pizzas.
Each pizza is cut into 8 equal slices.
Altogether, they eat 25 slices.
How many whole pizzas do they eat?

Rosie says,

$\frac{16}{4}$ is greater than $\frac{8}{2}$ because 16 is greater than 8

Do you agree?
Explain why.

Spot the mistake.



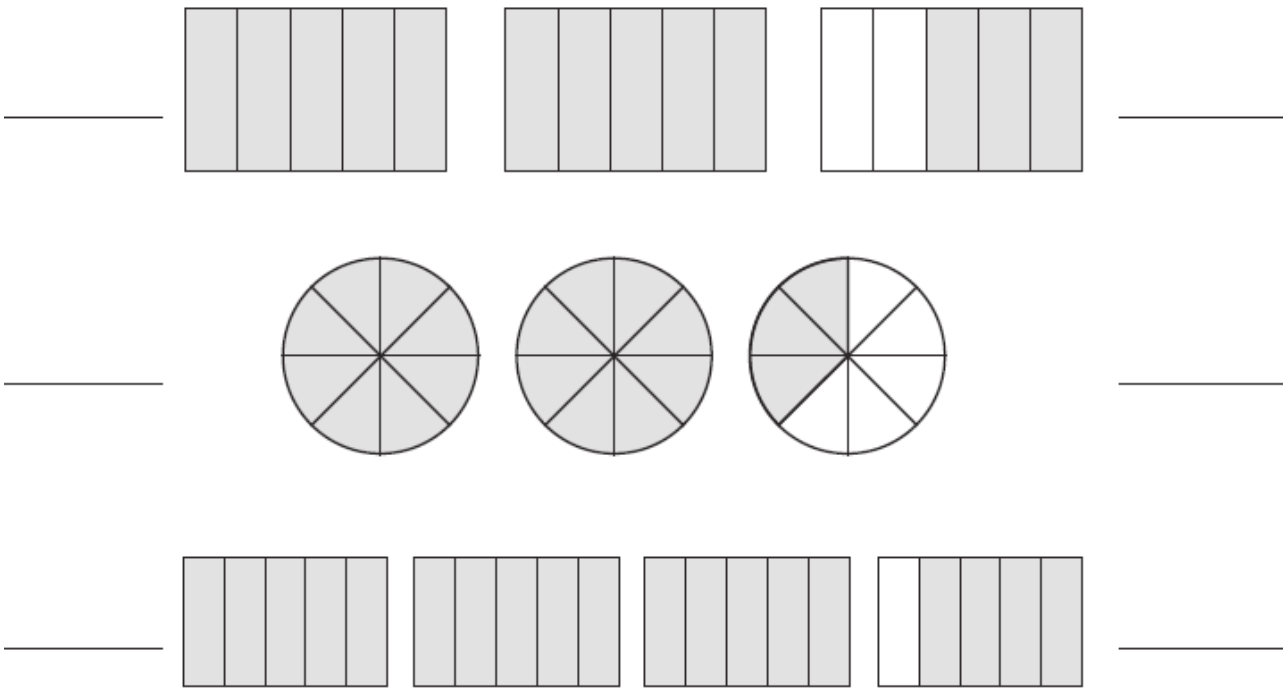
$\frac{13}{5}$ = 10 wholes and 3 fifths

L.O. To understand improper fractions. **P**entagon **Q**uadrilateral Remember to/that:	**What I think**	**What my teacher thinks**
The denominator in the number on the bottom of the fraction (the equal part)	◯	◯
The numerator in the number on the top of the fraction (the number of equal parts)	◯	◯
An improper fraction is greater than a whole one.	◯	◯
The numerator of an improper fraction is greater than the denominator.	◯	◯
Take away 'lots of' the denominator from numerator to determine how many 'whole ones'.	◯	◯
Record any 'left over' as a fraction.	◯	◯
Do me first; Write the Fact Family for 11 x 12 = Write the Fact Family for 110 x 12 =		

Write the proper fractions and mixed numbers represented by the shapes below.

Improper Fraction

Mixed Number



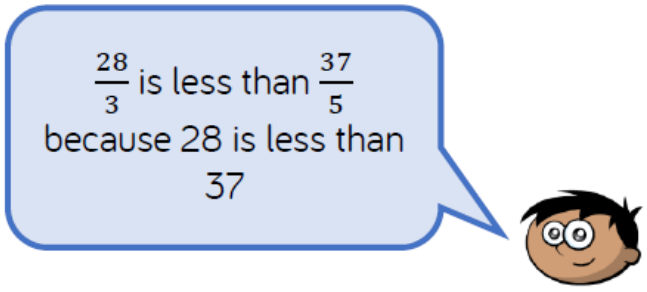
Write the following improper fractions as mixed numbers.

a) $\frac{22}{3} =$ _____ b) $\frac{14}{5} =$ _____ c) $\frac{23}{10} =$ _____ d) $\frac{34}{10} =$ _____ e) $\frac{21}{5} =$ _____

f) $\frac{5}{2} =$ _____ g) $\frac{16}{3} =$ _____ h) $\frac{19}{4} =$ _____ i) $\frac{31}{4} =$ _____ j) $\frac{30}{6} =$ _____

k) $\frac{21}{6} =$ _____ l) $\frac{17}{8} =$ _____ m) $\frac{19}{7} =$ _____ n) $\frac{22}{9} =$ _____ o) $\frac{27}{12} =$ _____

Amir says,



Do you agree?
Explain why.

Spot the mistake

- $\frac{27}{5} = 5\frac{1}{5}$
- $\frac{27}{3} = 8$
- $\frac{27}{4} = 5\frac{7}{4}$
- $\frac{27}{10} = 20\frac{7}{10}$

What mistakes have been made?

Can you find the correct answers?

Twenty-seven children sit at tables of 6, filling the tables where possible. Express how many tables are filled using a mixed number.

_____

A teacher asks 2 children to sort 73 tennis balls into baskets of 10 balls, filling the baskets where possible. Express how many baskets are filled using a mixed number.

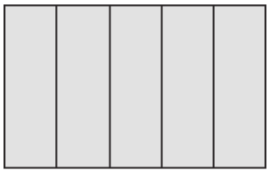
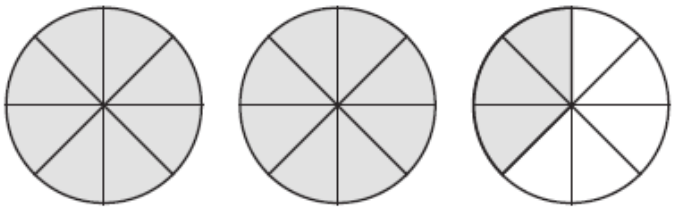
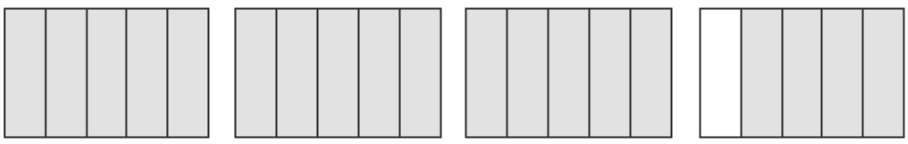
_____

A pizza truck sells pizza slices. Each slice is one quarter of a pizza. At the end of the day, the pizza seller works out how many pizzas he has left. On the day he has 9 slices. How many pizzas does he have left?

_____

L.O. To understand improper fractions. **T**riangle Remember to/that:	**What I think**	**What my teacher thinks**
The denominator in the number on the bottom of the fraction (the equal part)	◯	◯
The numerator in the number on the top of the fraction (the number of equal parts)	◯	◯
An improper fraction is greater than a whole one.	◯	◯
The numerator of an improper fraction is greater than the denominator.	◯	◯
Take away 'lots of' the denominator from numerator to determine how many 'whole ones'.	◯	◯
Record any 'left over' as a fraction.	◯	◯
Do me first; Write the Fact Family for 0.9 x 8 = Write the Fact Family for 90 x 0.8 =		

Write the proper fractions and mixed numbers represented by the shapes below.

Improper Fraction		Mixed Number
_____		_____
_____		_____
_____		_____

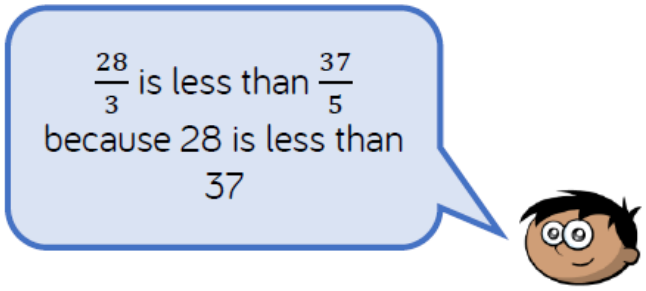
Write the following improper fractions as mixed numbers.

$\frac{22}{3}$ = _____ b) $\frac{14}{5}$ = _____ c) $\frac{23}{10}$ = _____ d) $\frac{34}{10}$ = _____ e) $\frac{21}{5}$ = _____

$\frac{5}{2}$ = _____ g) $\frac{16}{3}$ = _____ h) $\frac{19}{4}$ = _____ i) $\frac{31}{4}$ = _____ j) $\frac{30}{6}$ = _____

$\frac{21}{6}$ = _____ l) $\frac{17}{8}$ = _____ m) $\frac{19}{7}$ = _____ n) $\frac{22}{9}$ = _____ o) $\frac{27}{12}$ = _____

Amir says,



Do you agree?
Explain why.

Spot the mistake

- $\frac{27}{5} = 5\frac{1}{5}$
- $\frac{27}{3} = 8$
- $\frac{27}{4} = 5\frac{7}{4}$
- $\frac{27}{10} = 20\frac{7}{10}$

What mistakes have been made?

Can you find the correct answers?

Find the value of ●

$\frac{27}{●} = ● \frac{2}{●}$

● = ☐

Find two possible values for ★ and ▲

$\frac{30}{★} = ▲ \frac{2}{★}$

★ = ☐ ▲ = ☐

★ = ☐ ▲ = ☐