

fraction of the 36 pupils.  $\frac{5}{12}$  of 36 = ( $\div$  by bottom  $\times$  by top)

$12 \overline{)36}$   
 $3 \times 5 = 15 = \underline{\underline{15}}$  have brown hair.

\* Try these:

How many have black hair =  $\frac{\square}{360^\circ}$  = Simplify  $\frac{\square}{\square}$

Find fraction  $\frac{\square}{\square}$  of 36 =  $\underline{\quad}$  have black hair.

\* How many have

a. blonde hair?

b. red hair?

Skill 2: Drawing / Creating a pie chart

80 children asked what language they would like to learn in secondary school. Given the votes, we must work out the fractions and degrees.

	Votes	Fraction	Degrees
FRENCH	16	$\frac{1}{5}$	$72^\circ$
GERMAN	24		
SPANISH	32		
CHINESE	8		

Step 1 = Fractions

16 out of 80 wanted FRENCH

$\frac{16}{80} = \frac{4}{20} = \frac{1}{5}$  (Simplified)

Step 2: Degrees

We must work degrees out of  $360^\circ$

So I must find  $\frac{1}{5}$  of  $360^\circ \rightarrow 5 \overline{)360}$   
 $\underline{072^\circ}$

\* Try work out fractions + degrees for other languages

Dictate -> correct punctuation out the sense  
 1. "The puppy is adorable."  
 2. Playing the guitar is an enjoyable hobby.  
 3. The variety of material available.