

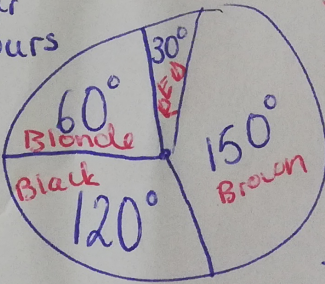
Chapter 30: Pie Charts - Data 3

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Fact: Pie Charts are linked with "Circle" chapter.
There are 360° in a circle.

Skill 1: Reading a pie chart correctly

Hair Colours



36 Children in this class.

How many have brown hair.

Step 1: Remembering there are 360° in a full circle...

$\frac{150^\circ}{360^\circ}$ is the fraction answer. Simplify. $\frac{150 \div 3}{360 \div 3} = \frac{5}{12}$

Step 2: Find fraction of the 36 pupils. $\frac{5}{12}$ of 36 = (÷ by bottom × by top)

$$\begin{array}{r} 12 \overline{) 36} \\ 3 \times 5 = 15 = \underline{15} \text{ have brown hair.} \end{array}$$

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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?

Dictate out the sentence correctly punctuated.
The puppy is adorable.
The guitar is an electric guitar.
The puppy is adorable.
The guitar is an electric guitar.