20/4/2020

## LO: calculate fractions of amounts

**Remember**: To calculate $\frac{2}{5}$ of 20, I need to divide the whole (20) by the denominator (5) and then multiply by the numerator (2)

$$\frac{2}{5} \text{ of } 20 = 8$$
$$20 \div 5 = 4$$
$$4 \times 2 = 8$$

A1) $\frac{1}{4}$ of 24 =

A2) $\frac{1}{5}$ of 75 =

A3) $\frac{1}{8}$ of 840 =

A4) $\frac{1}{7}$ of 3,703 =

B1) $\frac{2}{5}$ of 85 =

B2) $\frac{4}{9}$ of 216 =

B3) $\frac{6}{7}$ of 756 =

B4) $\frac{8}{11}$ of 1,595 =

C1) $\frac{1}{4}$ of 3.6kg = _____ g

C2) $\frac{2}{3}$ of a week = _____ hours

C3) $\frac{4}{5}$ of _____ = 200

C4) $\frac{5}{8}$ of _____km = 2,500m

D1) Brett uses $\frac{2}{5}$ of his £180 savings to buy a train ticket. **How much of his savings does he have left?**

D2) Angie has 288 m of fence to paint. She paints $\frac{3}{12}$ of the whole fence on Monday. She then paints $\frac{1}{2}$ of what is left on Tuesday. **How much fence does she have left to paint?**