

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 = 6

B1)  $\frac{2}{5}$  of 85 = 34

A2)  $\frac{1}{5}$  of 75 = 15

B2)  $\frac{4}{9}$  of 216 = 96

A3)  $\frac{1}{8}$  of 840 = 105

B3)  $\frac{6}{7}$  of 756 = 648

A4)  $\frac{1}{7}$  of 3,703 = 529

B4)  $\frac{8}{11}$  of 1,595 = 1,160

C1)  $\frac{1}{4}$  of 3.6kg = 900g

C2)  $\frac{2}{3}$  of a week = 112 hours

C3)  $\frac{4}{5}$  of 250 = 200

C4)  $\frac{5}{8}$  of 4km = 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? £108

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? 72m