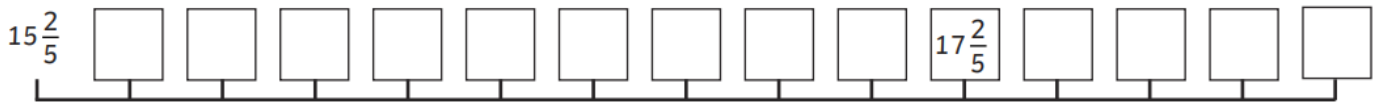
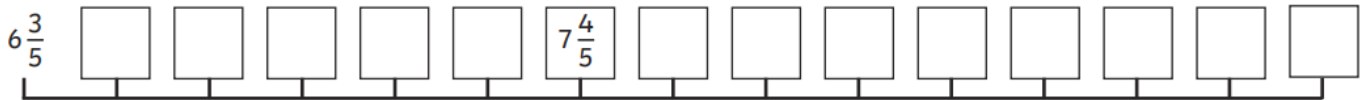
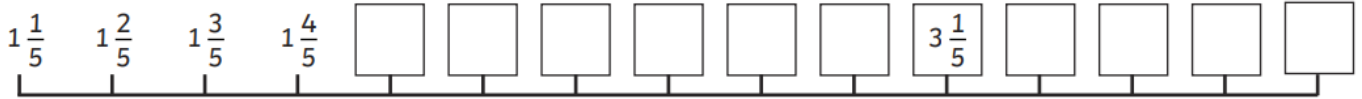


Finding Fractions of Whole Amounts (Page 1 of 2)

Warm-Up: Counting in Fractions

Task: Count up the number line and fill in the missing fractions or whole numbers.



Main Task: Finding Fractions of a Whole Amount

Task 1: Can you find fractions of specific amounts? TIP: Divide by the denominator and multiply the answer by the numerator!

Example:

$$\frac{2}{3} \text{ of } 18 = 12$$

Method: $18 \div 3 = 6$. Then, $6 \times 2 = 12$. Thus, the answer is 12.

	30	45	80	125
$1/5$ of				
$2/5$ of				
$3/5$ of				
$4/5$ of				

Finding Fractions of Whole Amounts (Page 2 of 2)

Task 2: Solve Word Problems.

Use the exact same method to solve these word problems. Don't forget your unit of measure (i.e £, ml, g, kg)

1. There is 35ml of water in my bottle, but I spill $\frac{1}{5}$ of it \pm how much do I spill?
2. I am reading a book which is 36 pages long. I have read $\frac{4}{6}$ of it. How many pages have I read?
3. I had 42 smarties, but ate $\frac{3}{7}$ of them. How many smarties are left?
4. I had 63p but spent $\frac{1}{9}$ on a comic, How much have I got left?

Challenge:

Complete these challenging questions, but be careful - as they are inverse problems!

- a) 11 is $\frac{1}{3}$ of what number?
- b) What number is $28\frac{1}{4}$ of?
- c) 6 is $\frac{2}{3}$ of which number?
- d) I spent $\frac{4}{5}$ of my money and had £15 left. How much did I start with?