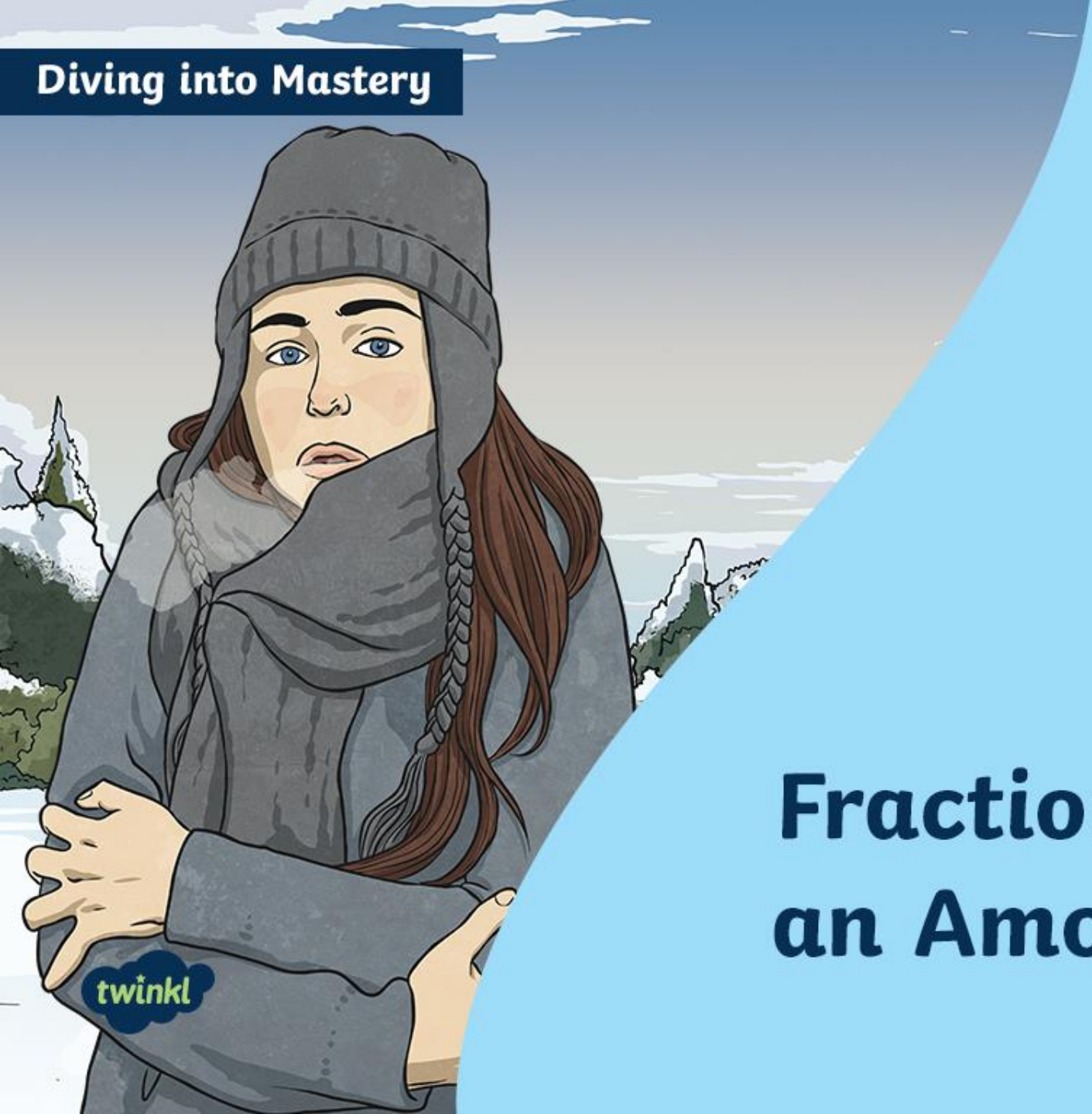
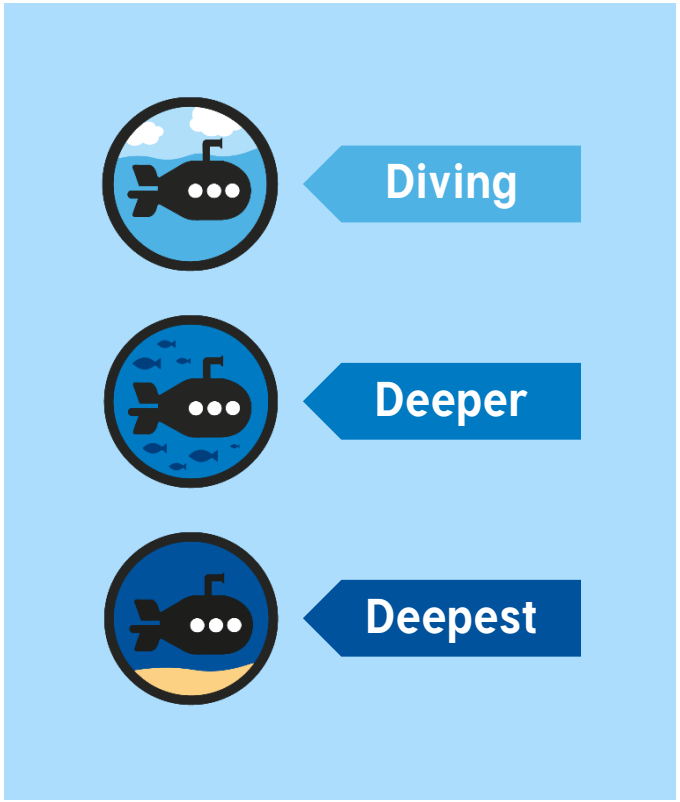
Diving into Mastery




# Fraction of an Amount

# Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:

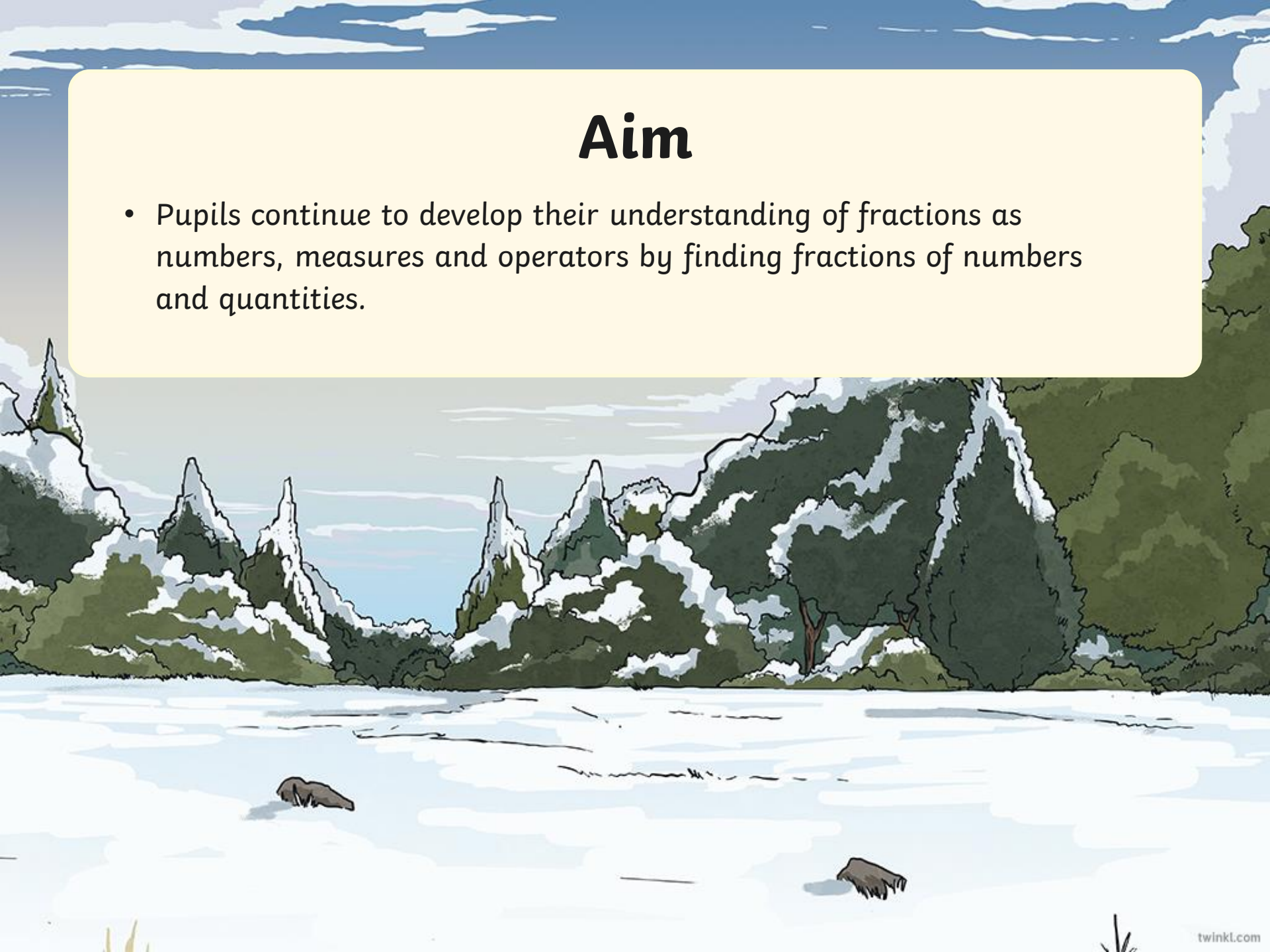



These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

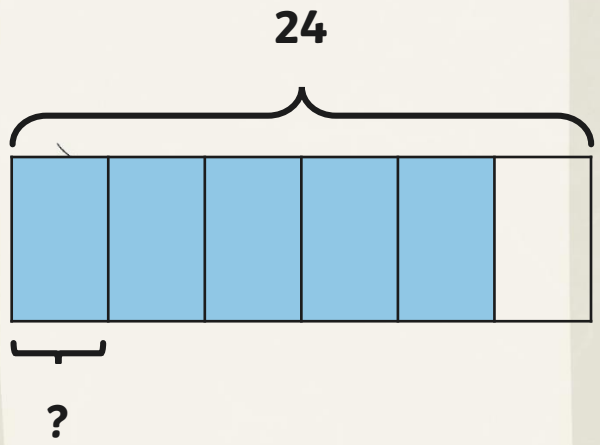
# Aim

- Pupils continue to develop their understanding of fractions as numbers, measures and operators by finding fractions of numbers and quantities.



**Fraction of an Amount** | **Diving**

Use the bar model to help you find these fractions of 24.




$\frac{1}{6}$ of 24 = **4**

24 ÷ 6 = **4**

$\frac{2}{6}$ of 24 = **8**

24 ÷ 6 = **4**

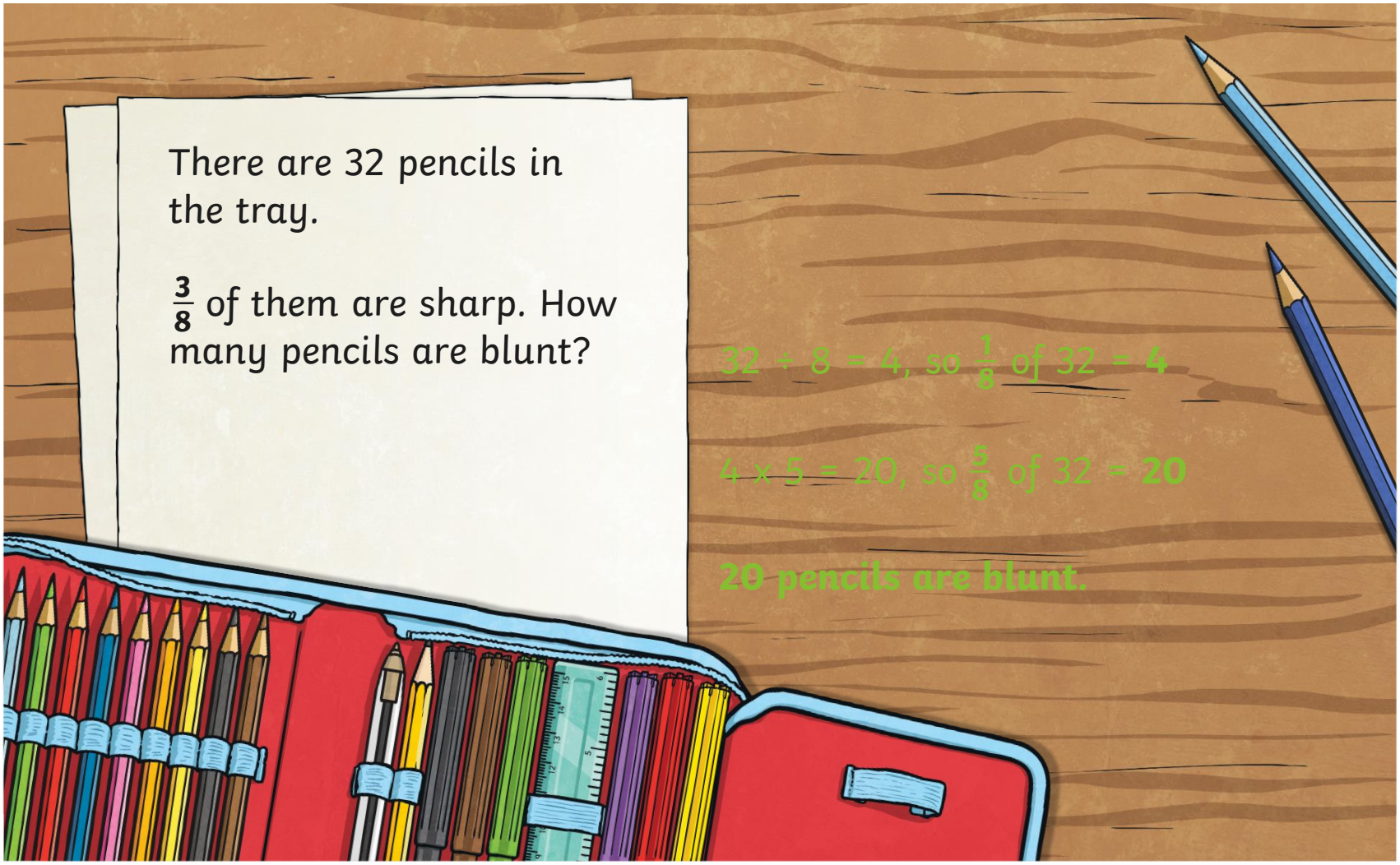
4 × 2 = **8**

$\frac{5}{6}$ of 24 = **20**

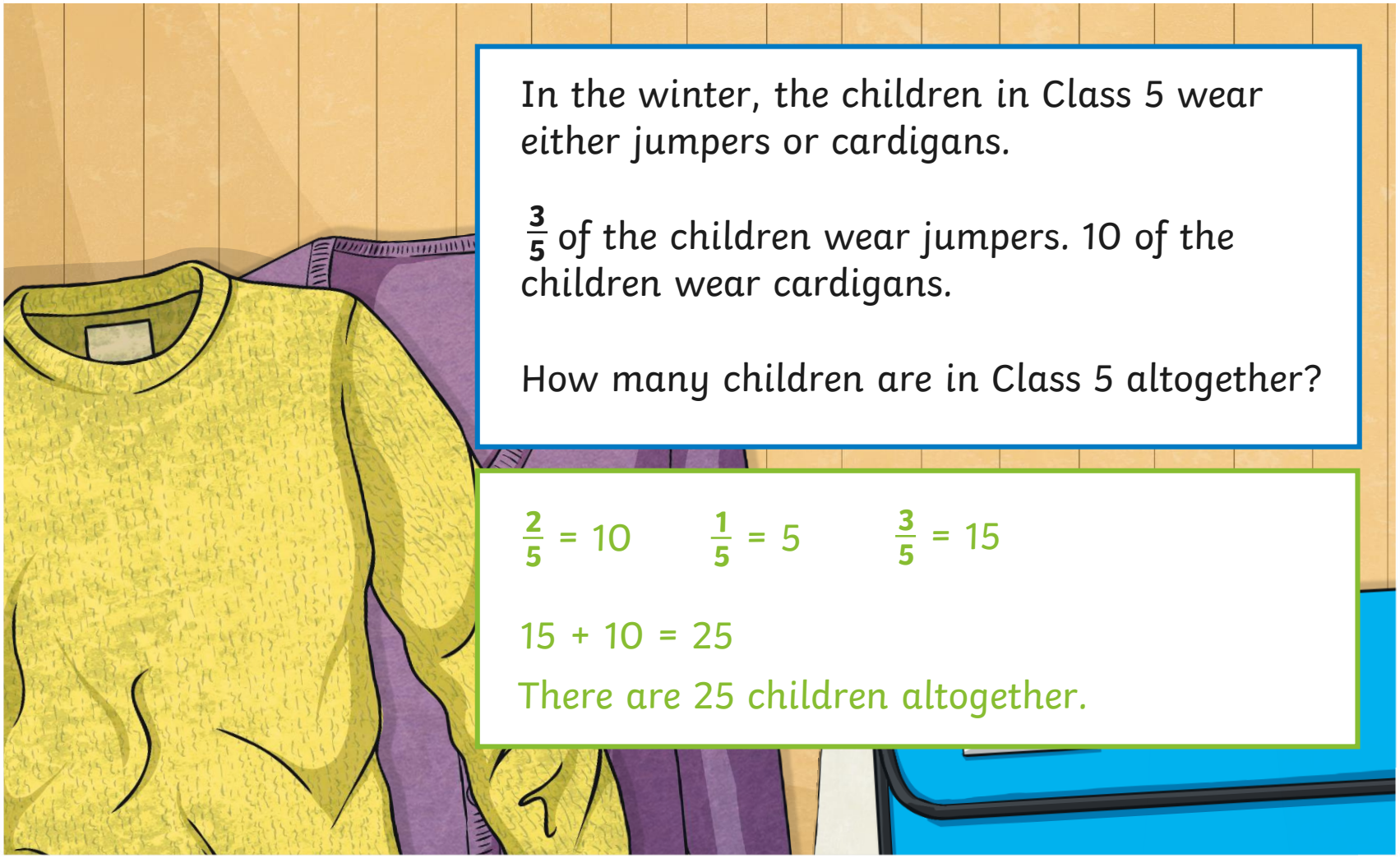
24 ÷ 6 = **4**

4 × 5 = **20**

**Fraction of an Amount** **Deeper**



**Fraction of an Amount** | **Deepest**



In the winter, the children in Class 5 wear either jumpers or cardigans.

$\frac{3}{5}$ of the children wear jumpers. 10 of the children wear cardigans.

How many children are in Class 5 altogether?

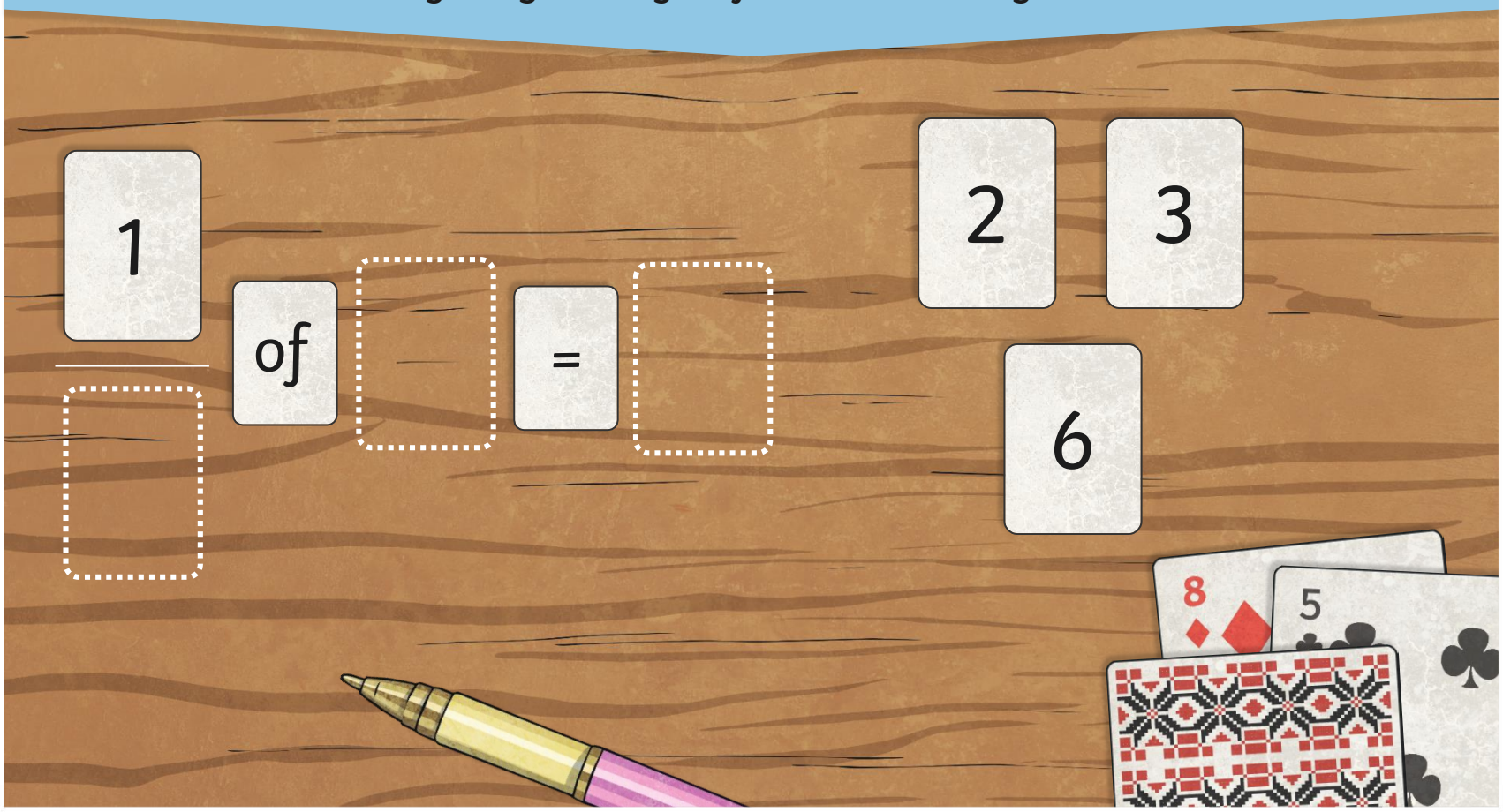
$\frac{2}{5} = 10$ $\frac{1}{5} = 5$ $\frac{3}{5} = 15$

$15 + 10 = 25$

There are 25 children altogether.

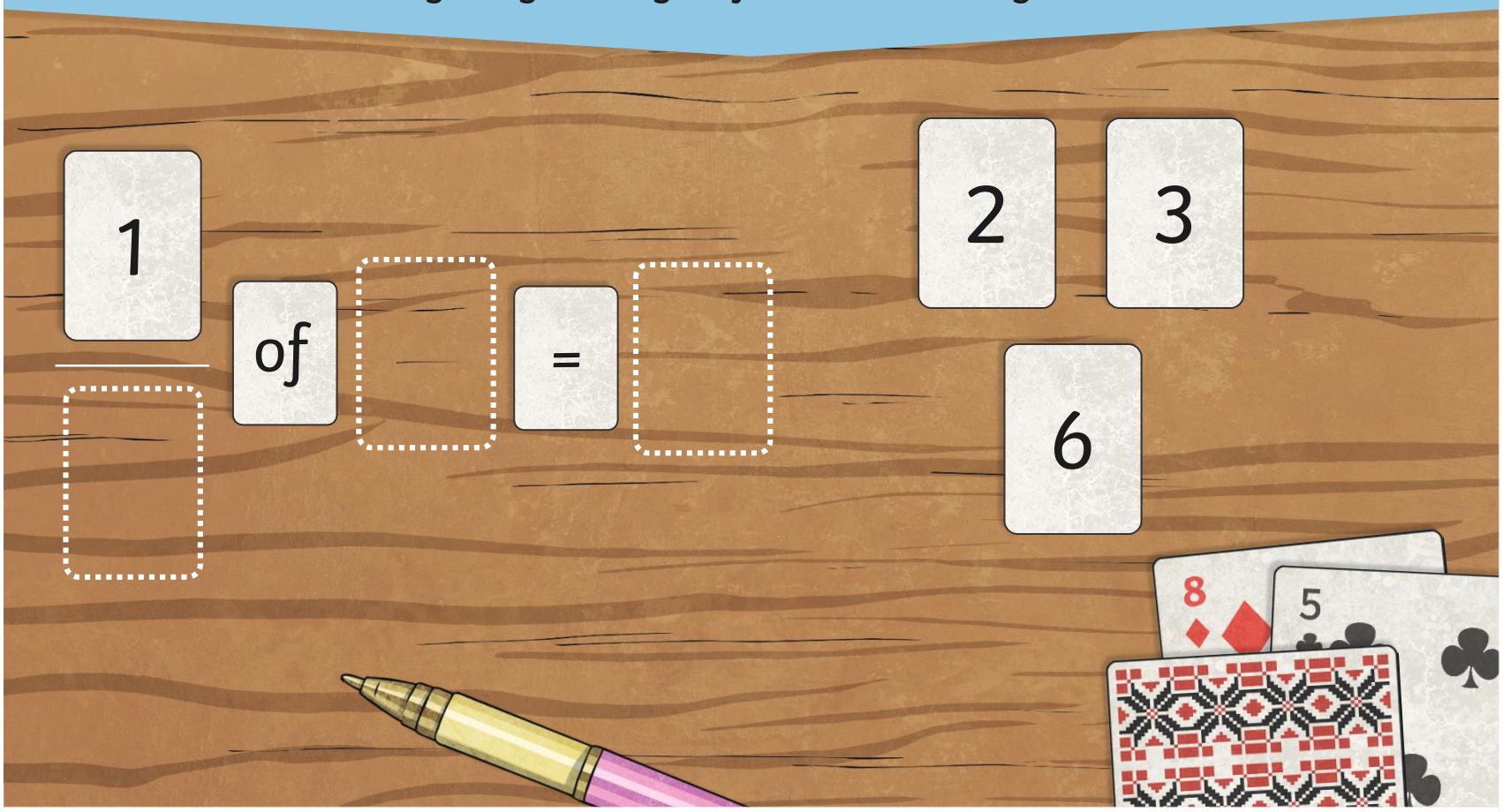
**Fraction of an Amount** | **Deepest**

Rearrange the set of digit cards to make fractions of amounts.
How many ways can you find to rearrange the cards?



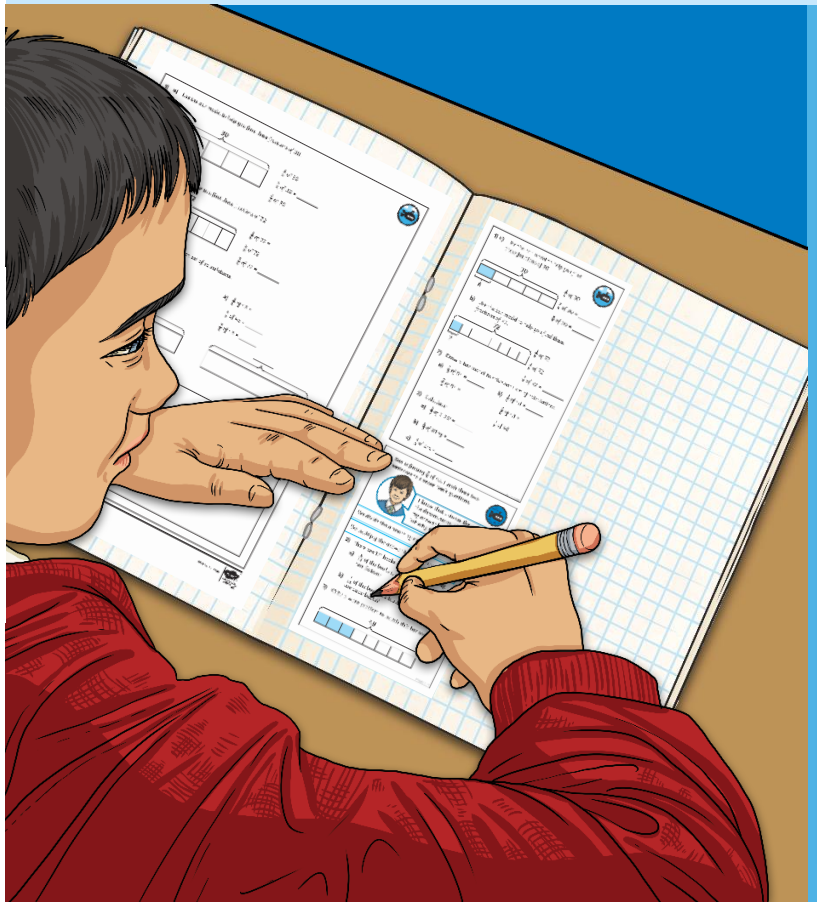
**Fraction of an Amount** | **Deepest**

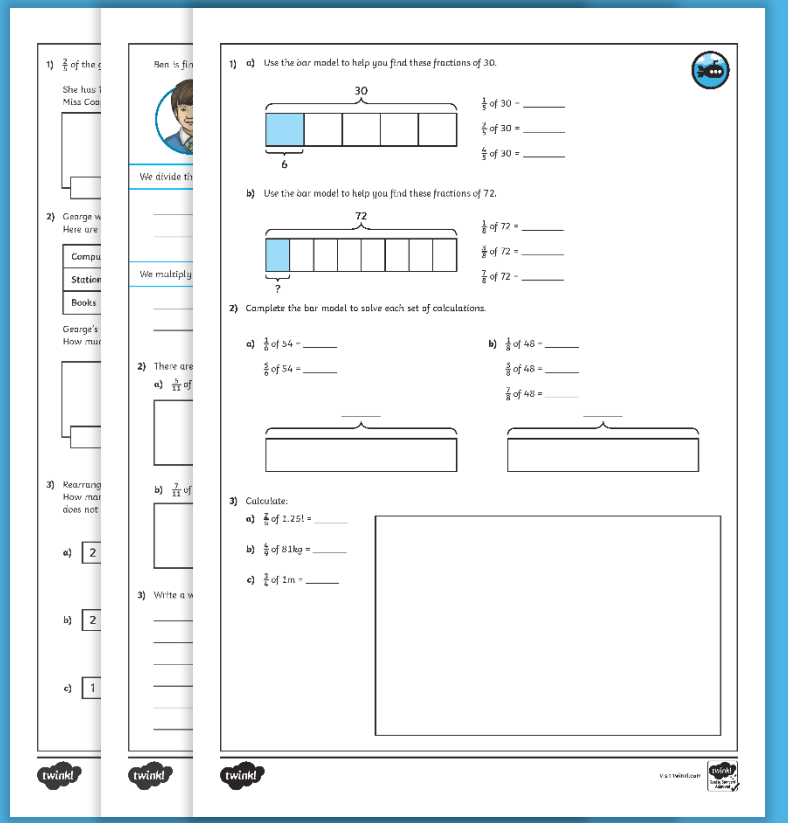
Rearrange the set of digit cards to make fractions of amounts.
How many ways can you find to rearrange the cards?



# Fraction of an Amount

## Dive in by completing your own activity!





# Need Planning to Complement this Resource?

## National Curriculum Aim

**Pupils continue to develop their understanding of fractions as numbers, measures and operators by finding fractions of numbers and quantities.**

For more planning resources to support this aim, click here.


Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.

twinkl planit


twinkl
twinkl
Quality Standard
Approved