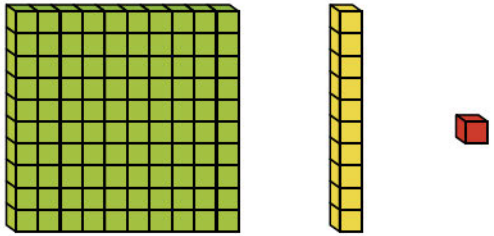
CONTENTS AGES 8–9

1 A box containing base 10 has some hundreds, some tens and some ones.



Amir takes out seven pieces.

He doesn't have more than three of the same piece.

a. What is the greatest number Amir could have made?

b. What is the smallest number Amir could have made?

2 What are the missing numbers?

a. 560 = ☐ + 60

b. 980 = 100 + ☐ + 80

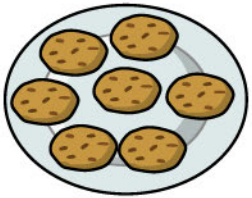
c. 624 = ☐ + 120 + ☐

d. 309 = 120 + ☐ + 9

e. ☐ = 400 + 50 + 3

f. ☐ = 300 + 270 + 18

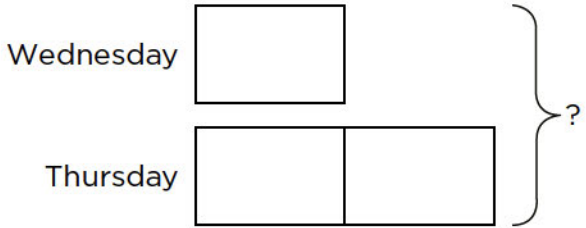
17 James bakes some cookies.



On Wednesday, he bakes 27 cookies.

On Thursday, he bakes twice as many as on Wednesday.

How many cookies does he bake in total?

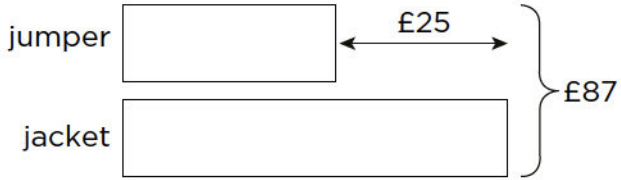


18 Max buys a jumper and a jacket.

The jacket costs £25 more than the jumper.

The total cost of the jumper and jacket is £87

How much does each item cost?



Fast Finishers Maths: Problem-solving (Ages 8–9)

The National Curriculum for mathematics aims to ensure all children become fluent, reason mathematically and solve problems. Focusing specifically on the problem solving aim, these Fast Finisher cards encourage children to apply their mathematics to a variety of routine and non-routine problems, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Fast Finishers: White Rose Maths Problem-solving is here to help learners improve their maths problem-solving skills in just minutes a day! The cards in this box offer problems covering:

- Place value
- Area
- Length & perimeter
- Decimals
- Time
- Statistics
- Addition & subtraction
- Multiplication & division
- Fractions
- Money
- Shape
- Position & direction

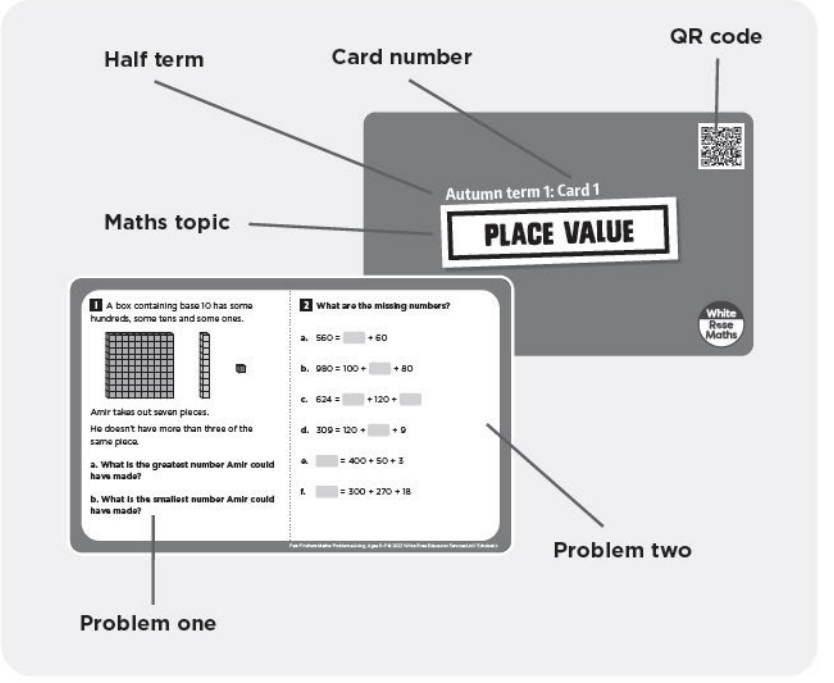
How to use Fast Finishers

These compact cards are designed for instant and flexible use. They are great for independent practice work – slot them in at the end of a maths lesson as meaningful extension work or as homework. They could also be used with partners, small groups, or even the whole class. The questions on the cards could be responded to in writing or orally. They provide learners with the opportunity to reason and solve problems related to content that has already been covered.

TEACHING TIPS

About the Maths cards

This box set contains 80 cards. There are two contents cards which detail the topic coverage and 78 cards each with two problem-solving questions. The cards are divided into half-terms with 13 cards per half term supplied. They have been written to match the White Rose Maths scheme of work. Each card contains two problems for the maths topic specified on the reverse.

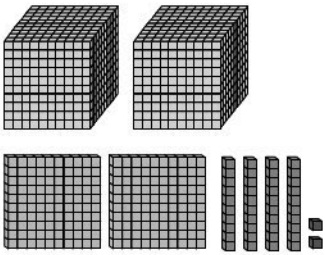


The cards have been structured to match the White Rose Maths scheme of work by term and topic. While you can assign cards outside the term/topic, you should ensure that the child has adequate prior knowledge to complete the problems.

Autumn term 1: Card 1: Place value

1. **a.** Greatest number = 331
   b. Smallest number = 133
2. **a.** 560 = **500** + 60
   b. 980 = 100 + **800** + 80
   c. 624 = **500** + 120 + **4**
   d. 309 = 120 + **180** + 9
   e. **453** = 400 + 50 + 3
   f. **588** = 300 + 270 + 18

Autumn term 1: Card 2: Place value

3. Louise's number could be: 4,983 or 4,785 or 4,587 or 4,389
4. 

Autumn term 1: Card 3: Place value

5. **a.** 3,506 = 3,000 + **500** + 6
   b. 8,156 = 5,000 + **3,100** + 56
   c. 2,100 + 150 + 25 = **2,275**
   d. **6,400** + 560 + 35 = 6,995
   e. 9,090 = 8,000 + **1,040** + 50
6. **a.** = 5,000, **c.** = 5,500,
   b. = 6,500
   You need to work out the middle number of each number line.

Autumn term 1: Card 4: Place value

7. **a.** 3,**5**57 > 3,358
   b. 9,008 < 9,00**9**
   c. 5,63**0** < 5,633
   d. 3,330 < 3,3**3**3
8. Dora, Annie, Mo, Amir

Autumn term 1: Card 5: Place value

9. **a.** False – You cannot have more than 3 of the same symbol so with numbers for example: 40 that is written as 10 before 50 which is XL
   b. The missing letter could be: X**X**, X**L**, X**C**
10. **a.** The greatest whole number Mo could be thinking of is 904
    b. The smallest whole number Annie could be thinking of is 885
    c. The difference between their numbers is 19

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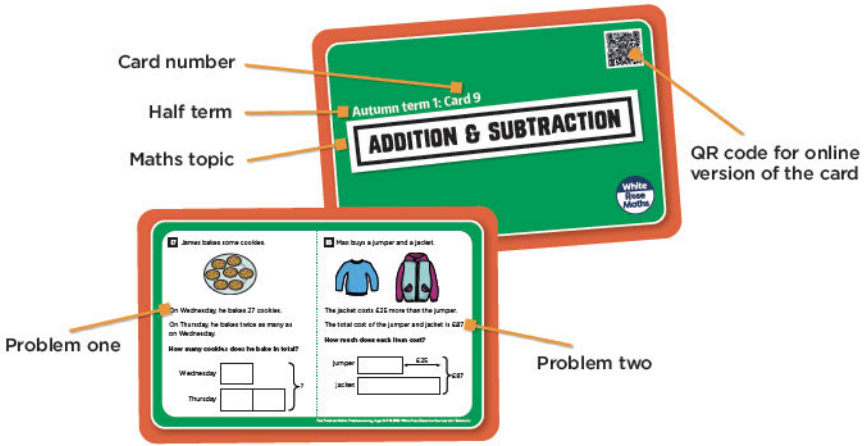
Master key mathematical skills in just 10 minutes a day!

Fast Finishers Maths

Problem-solving

Ages 8–9

Activities by White Rose Maths



156 problem-solving questions covering:

- **Place value**
- **Addition and subtraction**
- **Area**

...and many more key mathematical topics

Fast Finishers
Problem-solving
Ages 8–9

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