



Key Instant Recall Facts

Year 4—Spring 2

By the end of this half term, children should know the following facts. The aim is for them to recall these facts *instantly*.

Your child's KIRF this half term is: 7 times table facts.

E.g. $7 \times 2 = 14$, $7 \times 4 = 28$, $9 \times 7 = 63$...

In addition you can help by practicing the following:

| | |
|---|--|
| Compare mixed numbers | <p>Which fraction is greater, $2\frac{1}{6}$ or $1\frac{5}{6}$?</p> |
| Convert improper fractions to mixed numbers | <p>Convert the improper fractions to mixed numbers.</p> |
| Add & Subtract fractions | <p>Dani uses bar models to show that $\frac{3}{5} + \frac{4}{5} = \frac{7}{5} = 1\frac{2}{5}$</p> <p>Use Dani's method to work out the additions.</p> |
| Divide a 1 or 2-digit number by 10 and 100 | |

Top Tips

The secret to success is practicing little and often. Use time wisely. Can you practice these KIRFs while walking to school or during a car journey? You do not need to practice them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.



Calculations

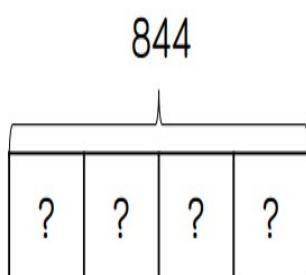
Year 4—Spring 2

In year 4 this half term, the children will learn division in the following way.

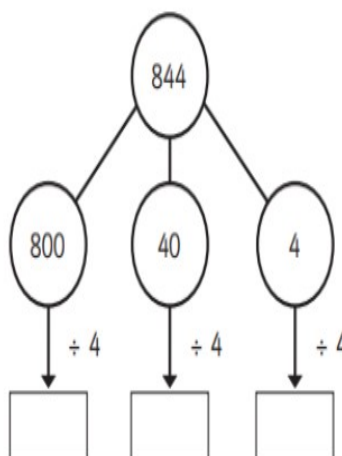
Skill: Divide 3-digits by 1-digit (sharing)

Year: 4

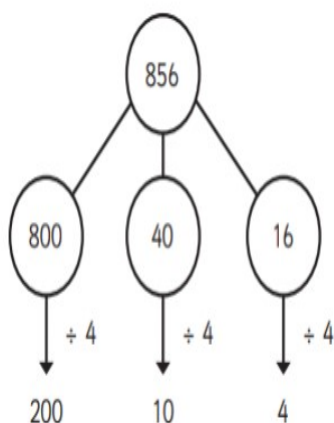
$$844 \div 4 = 211$$



| H | T | O |
|---------|----|---|
| 100 100 | 10 | 1 |
| 100 100 | 10 | 1 |
| 100 100 | 10 | 1 |
| 100 100 | 10 | 1 |



$$856 \div 4 = 214$$



| Hundreds | Tens | Ones |
|-----------------|-------------|-------------|
| 100 100 100 100 | 10 10 10 10 | 1 1 1 1 |
| 100 100 100 100 | 10 | 1 1 |
| 100 100 | 10 | 1 1 1 1 1 1 |
| 100 100 | 10 | 1 1 1 1 |
| 100 100 | 10 | 1 1 1 1 |

Children can continue to use place value counters to share 3-digit numbers into equal groups. Children should start with the equipment outside the place value grid before sharing the hundreds, tens and ones equally between the rows. This method can also help to highlight remainders. Flexible partitioning in a part-whole model supports this method.