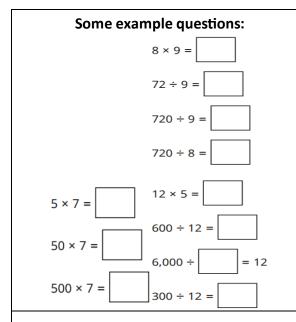


KIRF: I can derive multiplication and division facts using multiples of 10 and decimal numbers.

This half term, the children will be learning to use known facts to derive other facts.



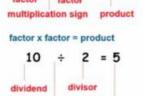
Key Questions:

The children should also know the corresponding division facts. e.g. $144 \div 12 = 1272 \div 9 = 8$ and derived facts (multiples of 10 and decimals)

e.g.
$$50 \times 9 = 450 \ 24 \div 0.6 = 40$$

What are the factors of ...?
What are the multiples of ...?
What is the product of ... and ...?

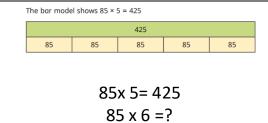
Key Vocabulary: 2 X 5 = 10



division sign quotient
dividend + divisor = quotient

What can this look like? Concrete Pictorial Abstract





40x 30= 120
30 x? = 1200
$0.3x^2 = 12$

Activity ideas:

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day.

Buy one get three free! If your child knows one fact (e.g. $3 \times 14 = 12$), can they tell you the other three facts in the same fact family (e.g. $4 \times 3 = 12$, $12 \div 3 = 4$, $12 \div 4 = 3$)? Then ask for additional facts using multiples of 10 and decimals e.g. $40 \times 3 = 120$, $120 \div 30 = 4$, $0.4 \times 3 = 1.2$, $1.2 \div 0.3 = 4$

Create a board game or a treasure hunt related to your weakest times table (include x and \div)

Make some flashcards and ask a family member to test you!

Websites

TTrockstars Children have their own usernames and passwords

MyMaths Children will be set weekly home learning.

Hit the Button Practise the times tables.

MathsFrame Practise those facts in a fun way.