

Dear Year 3 Parents/Carers,

24/02/2020



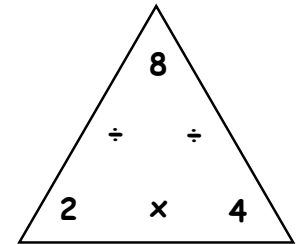
I would like to sincerely thank everyone for the work done at home on KIRFs last term. (Key Instant Recall Facts for times and dates.) It makes a huge difference; the class did very well and should be proud.

This half term our KIRFs are 4 times table facts. These are a Year 3 expectation as well as helping with Maths, including for many their weekly times tables.

Your children will be tested on 20 of these in 2 minutes - They should be able to answer these questions in any order, including missing number questions e.g. $4 \times (\text{?}) = 16$ or $(\text{?}) \div 4 = 7$.

$4 \times 1 = 4$	$1 \times 4 = 4$	$4 \div 4 = 1$	$4 \div 1 = 4$
$4 \times 2 = 8$	$2 \times 4 = 8$	$8 \div 4 = 2$	$8 \div 2 = 4$
$4 \times 3 = 12$	$3 \times 4 = 12$	$12 \div 4 = 3$	$12 \div 3 = 4$
$4 \times 4 = 16$	$4 \times 4 = 16$	$16 \div 4 = 4$	$16 \div 4 = 4$
$4 \times 5 = 20$	$5 \times 4 = 20$	$20 \div 4 = 5$	$20 \div 5 = 4$
$4 \times 6 = 24$	$6 \times 4 = 24$	$24 \div 4 = 6$	$24 \div 6 = 4$
$4 \times 7 = 28$	$7 \times 4 = 28$	$28 \div 4 = 7$	$28 \div 7 = 4$
$4 \times 8 = 32$	$8 \times 4 = 32$	$32 \div 4 = 8$	$32 \div 8 = 4$
$4 \times 9 = 36$	$9 \times 4 = 36$	$36 \div 4 = 9$	$36 \div 9 = 4$
$4 \times 10 = 40$	$10 \times 4 = 40$	$40 \div 4 = 10$	$40 \div 10 = 4$
$4 \times 11 = 44$	$11 \times 4 = 44$	$44 \div 4 = 11$	$44 \div 11 = 4$
$4 \times 12 = 48$	$12 \times 4 = 48$	$48 \div 4 = 12$	$48 \div 12 = 4$

These are much less scary than they look - they are just asking about the 4 times table in different ways.



Fact Family Triangles can help you to check. Cover one number. Whatever sum is showing should make the covered number.

Top Tips

Practice little and often. Can you practice these KIRFs while walking to school or during a car journey? You don't need to practice them all at once: what about a fact family for each day?

What do you already know?-

Your child will already know many of these facts from the 2, 3, 5 and 10 times tables.

Double and double again-

Multiplying a number by 4 is the same as doubling and doubling again.

(Double 6 is 12 and double 12 is 24, so $6 \times 4 = 24$.)

Buy one get three free -

If your child knows one fact (e.g. $12 \times 4 = 48$), can they tell you the other three facts in the same fact family?

- Don't forget that TARGET BOOK tasks should be coming in for marking on a Monday, ready to be sent out with new short challenges as well as winning 3 points for having had a go.

If you have any queries or concerns please see me and I will be happy to arrange a time to talk.

Thank you for all of your work.

Kind regards,

Mr Ward-Penny