



St. Peter-in-Thanet Junior School Times Tables Challenge

Silver Plus Award Pack



Name _____

Congratulations!

Congratulation on successfully passing your Silver Award! Now it's time to take on the challenge of the Silver Plus Award.

Within the Silver Plus Award, you will look at using your 'inverse' knowledge of division. As you aim to know all of our times table facts during your time a St. Peter- in-Thamet Juniors, it is also important that you understand the relationship between multiplication and division. By knowing your times table facts you can use them to help solve division sums and become a **St.Pete's MASTER!**

Useful websites for division:

<http://www.mymaths.co.uk>

<http://resources.woodlands-junior.kent.sch.uk/maths/division.htm>

<http://www.topmarks.co.uk/maths-games/7-11-years/multiplication-and-division>

<http://www.fun4thebrain.com/division.html>

This web site will give you **TOP TIPS** on how to solve division problems:

http://www.ducksters.com/kidsmath/division_tips_tricks.php

Apps for division

Division for Kids

Maths Practice

Splash Maths 7-9

Splash Maths 8-10

Good luck on your journey of
becoming a
'St. Pete's Master of Maths!'



Dividing by 4

Divide by 4 - If the last two digits divide by 4, then the entire number is divisible by 4.
For example, we know that 14237732 can be divided evenly by 4 because $32 \div 4 = 8$.

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

Self-assessment: 😊 😐 😞

Parent/guardian's comments/signature:

Dividing by 7

Remember the facts you have already learnt in your 7 times table
 $28 \div 7 \dots$ we know our 7x table facts 7,14,21,28. This is the 4th number in the sequence.

$7 \div 7 = 1$	$35 \div 7 = 5$	$63 \div 7 = 9$
$14 \div 7 = 2$	$42 \div 7 = 6$	$70 \div 7 = 10$
$21 \div 7 = 3$	$49 \div 7 = 7$	$77 \div 7 = 11$
$28 \div 7 = 4$	$56 \div 7 = 8$	$84 \div 7 = 12$

Self-assessment: 😊 😐 😞

Parent/guardian's comments/signature:

Dividing by 6

Divide by 6 - If the rules for divide by 2 and divide by 3 above are true, then the number is divisible by 6.

$6 \div 6 = 1$	$30 \div 6 = 5$	$54 \div 6 = 9$
$12 \div 6 = 2$	$36 \div 6 = 6$	$60 \div 6 = 10$
$18 \div 6 = 3$	$42 \div 6 = 7$	$66 \div 6 = 11$
$24 \div 6 = 4$	$48 \div 6 = 8$	$72 \div 6 = 12$

Self-assessment: 😊 😐 😞

Parent/guardian's comments/signature:

Dividing by 11

Remember that in the 11x table we double the number. So $22 \div 11$, we have double the 2 so the answer is 2. Remember this does not work for 10, 11, or 12.

$11 \div 11 = 1$	$55 \div 11 = 5$	$99 \div 11 = 9$
$22 \div 11 = 2$	$66 \div 11 = 6$	$110 \div 11 = 10$
$33 \div 11 = 3$	$77 \div 11 = 7$	$121 \div 11 = 11$
$44 \div 11 = 4$	$88 \div 11 = 8$	$132 \div 11 = 12$

Self-assessment: 😊 😐 😞

Parent/guardian's comments/signature:

Silver Plus Challenge

Can you complete all of the division sums below in 10 minutes or under?

Top Tip: Why not record your time at home and see if you can beat next time you practice.

$48 \div 4 =$	$54 \div 6 =$	$24 \div 4 =$	$70 \div 7 =$
$6 \div 6 =$	$8 \div 4 =$	$21 \div 7 =$	$36 \div 4 =$
$14 \div 7 =$	$24 \div 6 =$	$42 \div 7 =$	$42 \div 6 =$
$11 \div 11 =$	$49 \div 7 =$	$28 \div 4 =$	$72 \div 6 =$
$4 \div 4 =$	$22 \div 11 =$	$36 \div 6 =$	$66 \div 11 =$
$88 \div 11 =$	$20 \div 4 =$	$99 \div 11 =$	$40 \div 4 =$
$7 \div 7 =$	$18 \div 6 =$	$63 \div 7 =$	$48 \div 6 =$
$16 \div 4 =$	$66 \div 6 =$	$33 \div 11 =$	$77 \div 7 =$
$56 \div 7 =$	$132 \div 11 =$	$44 \div 11 =$	$110 \div 11 =$
$12 \div 6 =$	$35 \div 7 =$	$121 \div 11 =$	$44 \div 4 =$
$77 \div 11 =$	$30 \div 6 =$	$60 \div 6 =$	$55 \div 11 =$
$32 \div 4 =$	$12 \div 4 =$	$28 \div 7 =$	$84 \div 7 =$

Times completed: _____ minutes _____ seconds

Number of correct answers: _____ / 48