Manland Primary School
Times Tables Challenge

Gold Plus Award
Practice Pack

+

Name _____

Congratulations!

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

Within the Gold Plus Award, you will look at using your 'inverse' knowledge of division. As part of your journey to recalling all of the times tables facts during your time at Manland Primary School, it is also important that you understand the relationship between multiplication and division. By knowing your times tables facts you can use them to help solve division sums and become a MANLAND MASTER!

Useful websites for division:

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

http://www.mymaths.co.uk

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

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

This website 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   Splash maths 7-9

Maths practice   Splash maths 8-10

**Good luck on your journey of becoming a
'Manland Master of Maths!'**

Dividing by 8

Half your number three times. So in example 1, you need to divide 128 by 8. So half of 128 is 64, half of 64 is 32 and half of 32 is 16.

8÷8=1	40÷8=5	72÷8=9
16÷8=2	48÷8=6	80÷8=10
24÷8=3	56÷8=7	88÷8=11
32÷8=4	64÷8=8	96÷8=12

☺ 😐 ☹

Self-assessment:

Parent/guardian's comments/signature:

Dividing by 9

Similar to the divide by 3 rule, if the sum of all the digits is divisible by 9, then the entire number is divisible by 9. For example, we know that 18332145 is divisible by 9 because 1+8+3+3+2+1+4+5 = 27 and 27 ÷ 9 = 3.

9÷9=1	45÷9=5	81÷9=9
18÷9=2	54÷9=6	90÷9=10
27÷9=3	63÷9=7	99÷9=11
36÷9=4	72÷9=8	108÷9=12

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Self-assessment:

Parent/guardian's comments/signature:

<u>Dividing by 12</u>

12 ÷ 12 = 1	60÷12=5	108÷12=9
24 ÷ 12 = 2	72÷12=6	120÷12=10
36 ÷ 12 = 3	84÷12=7	132÷12=11
48 ÷ 12 = 4	96÷12=8	144÷12=12

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Self-assessment:

Parent/guardian's comments/signature:

Gold 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 practise.

12÷12=	90 ÷ 9 =	108÷12=
18÷9=	36÷12=	9÷9=
64÷8=	54÷9=	32÷8=
48 ÷12=	99 ÷ 9 =	72 ÷ 9 =
8÷8=	84÷12=	40÷8=
96 ÷ 8 =	48 ÷ 8 =	132÷12=
120÷12=	16÷8=	63 ÷ 9 =
45 ÷ 9 =	60 ÷12=	72 ÷ 8 =
80 ÷ 8 =	108÷9=	72 ÷12=
24 ÷12=	56 ÷ 8 =	27 ÷ 9 =
81÷9=	96 ÷12=	24 ÷ 8 =
36 ÷ 9 =	88 ÷ 8 =	144÷12=

Times completed: _____ minutes _____ seconds

Number of correct answers: _____ / 36