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Times Table Challenge

4, 6, 8 & 9 Division Facts

Silver+ Award
Practice Book

Congratulations!

Congratulations 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, 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 calculations and eventually become a 'Multiplication Master!'

Tips for helping your child learn their times tables:

- Regular practice
- Demonstrate
- Chant/sing
- Stick up charts
- Play games

Useful Websites:

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

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

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

Apps

Smart phone and tablet stores have a multitude of apps help learn and games to play based around times tables.

4, 6, 8 & 9 Times Tables

X	2	10	5	3	4	8	6	9
1	2	10	5	3	4	8	6	9
2	4	20	10	6	8	16	12	18
3	6	30	15	9	12	24	18	27
4	8	40	20	12	16	32	24	36
5	10	50	25	15	20	40	30	45
6	12	60	30	18	24	48	36	54
7	14	70	35	21	28	56	42	63
8	16	80	40	24	32	64	48	72
9	18	90	45	27	36	72	54	81
10	20	100	50	30	40	80	60	90
11	22	110	55	33	44	88	66	99
12	24	120	60	36	48	96	72	108

Dividing

$2 \div 2 = 1$	$8 \div 2 = 4$	$14 \div 2 = 7$	$20 \div 2 = 10$
$4 \div 2 = 2$	$10 \div 2 = 5$	$16 \div 2 = 8$	$22 \div 2 = 11$
$6 \div 2 = 3$	$12 \div 2 = 6$	$18 \div 2 = 9$	$24 \div 2 = 12$

Top Tip— - When dividing by 2 it is the same as saying 'half' of the number.

Dividing

$5 \div 5 = 1$	$20 \div 5 = 4$	$35 \div 5 = 7$	$50 \div 5 = 10$
$10 \div 5 = 2$	$25 \div 5 = 5$	$40 \div 5 = 8$	$55 \div 5 = 11$
$15 \div 5 = 3$	$30 \div 5 = 6$	$45 \div 5 = 9$	$60 \div 5 = 12$

Top Tip - Why not use your hands to

Dividing

$3 \div 3 = 1$	$12 \div 3 = 4$	$21 \div 3 = 7$	$30 \div 3 = 10$
$6 \div 3 = 2$	$15 \div 3 = 5$	$24 \div 3 = 8$	$33 \div 3 = 11$
$9 \div 3 = 3$	$18 \div 3 = 6$	$27 \div 3 = 9$	$36 \div 3 = 12$

Top Tip— - This is a fun trick. If the sum of the digits in a number can be divided by three, then the number can as well. e.g. 12—> The digits $1+2=3$

Dividing

$10 \div 10 = 1$	$40 \div 10 = 4$	$70 \div 10 = 7$	$100 \div 10 = 10$
$20 \div 10 = 2$	$50 \div 10 = 5$	$80 \div 10 = 8$	$110 \div 10 = 11$
$30 \div 10 = 3$	$60 \div 10 = 6$	$90 \div 10 = 9$	$120 \div 10 = 12$

Top Tip— Remember - when we $\times 10$ and we moved our digit one space to the left... now we do

Dividing

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

Top Tip— To divide by 4— halve and

Dividing

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

Top Tip - Much like the 4s you can use halving. To divide by 8, you need to halve 3 times.

Dividing

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

Top Tip— Divide the number by 3 then halve the answer

Dividing

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

Top Tip - This is a fun trick. If the sum of the digits in a number can be divided by nine, then the number can as well. e.g. 72 -> The digits 7+2=9 so

Silver Plus Challenge

Can you complete all of the division calculations on these two pages in 10 minutes or under?

Top Tip: Why not record your time at home and

$24 \div 2 =$	$4 \div 2 =$	$15 \div 3 =$	$15 \div 5 =$
$5 \div 5 =$	$10 \div 5 =$	$25 \div 5 =$	$70 \div 10 =$
$9 \div 3 =$	$36 \div 3 =$	$6 \div 2 =$	$3 \div 3 =$
$30 \div 5 =$	$12 \div 3 =$	$10 \div 2 =$	$8 \div 2 =$
$2 \div 2 =$	$20 \div 10 =$	$27 \div 3 =$	$120 \div 10 =$
$18 \div 3 =$	$24 \div 3 =$	$50 \div 10 =$	$16 \div 2 =$
$12 \div 2 =$	$40 \div 10 =$	$14 \div 2 =$	$20 \div 5 =$
$60 \div 5 =$	$22 \div 2 =$	$33 \div 3 =$	$45 \div 5 =$
$80 \div 10 =$	$35 \div 5 =$	$55 \div 5 =$	$6 \div 3 =$
$30 \div 3 =$	$60 \div 10 =$	$20 \div 2 =$	$40 \div 5 =$
$30 \div 10 =$	$18 \div 2 =$	$90 \div 10 =$	$100 \div 10 =$
$10 \div 10 =$	$110 \div 10 =$	$50 \div 5 =$	$21 \div 3 =$

Silver Plus Challenge Con-

$20 \div 4 =$	$18 \div 9 =$	$36 \div 6 =$	$8 \div 4 =$
$42 \div 6 =$	$12 \div 4 =$	$72 \div 8 =$	$24 \div 6 =$
$36 \div 9 =$	$30 \div 6 =$	$6 \div 6 =$	$24 \div 8 =$
$8 \div 8 =$	$9 \div 9 =$	$28 \div 4 =$	$54 \div 6 =$
$48 \div 4 =$	$16 \div 8 =$	$24 \div 4 =$	$36 \div 4 =$
$45 \div 9 =$	$56 \div 8 =$	$72 \div 6 =$	$40 \div 8 =$
$64 \div 8 =$	$27 \div 9 =$	$44 \div 4 =$	$48 \div 6 =$
$108 \div 9 =$	$32 \div 8 =$	$63 \div 9 =$	$88 \div 8 =$
$12 \div 6 =$	$54 \div 9 =$	$32 \div 4 =$	$18 \div 6 =$
$16 \div 4 =$	$40 \div 4 =$	$81 \div 9 =$	$48 \div 8 =$
$90 \div 9 =$	$66 \div 6 =$	$60 \div 6 =$	$99 \div 9 =$
$96 \div 8 =$	$80 \div 8 =$	$72 \div 9 =$	$4 \div 4 =$

Time Taken: _

Silver Plus Challenge

Can you complete all of the division calculations on these two pages in 10 minutes or under?

Top Tip: Why not record your time at home and

$20 \div 4 =$	$18 \div 9 =$	$44 \div 4 =$	$48 \div 6 =$
$42 \div 6 =$	$12 \div 4 =$	$63 \div 9 =$	$88 \div 8 =$
$36 \div 9 =$	$30 \div 6 =$	$32 \div 4 =$	$18 \div 6 =$
$8 \div 8 =$	$9 \div 9 =$	$81 \div 9 =$	$48 \div 8 =$
$48 \div 4 =$	$16 \div 8 =$	$60 \div 6 =$	$99 \div 9 =$
$45 \div 9 =$	$56 \div 8 =$	$72 \div 9 =$	$4 \div 4 =$
$12 \div 2 =$	$40 \div 10 =$	$14 \div 2 =$	$20 \div 5 =$
$60 \div 5 =$	$22 \div 2 =$	$33 \div 3 =$	$45 \div 5 =$
$80 \div 10 =$	$35 \div 5 =$	$55 \div 5 =$	$6 \div 3 =$
$30 \div 3 =$	$60 \div 10 =$	$20 \div 2 =$	$40 \div 5 =$
$30 \div 10 =$	$18 \div 2 =$	$90 \div 10 =$	$100 \div 10 =$
$10 \div 10 =$	$110 \div 10 =$	$50 \div 5 =$	$21 \div 3 =$

Silver Plus Challenge Con-

$15 \div 3 =$	$15 \div 5 =$	$36 \div 6 =$	$8 \div 4 =$
$25 \div 5 =$	$70 \div 10 =$	$72 \div 8 =$	$24 \div 6 =$
$6 \div 2 =$	$3 \div 3 =$	$6 \div 6 =$	$24 \div 8 =$
$10 \div 2 =$	$8 \div 2 =$	$28 \div 4 =$	$54 \div 6 =$
$27 \div 3 =$	$120 \div 10 =$	$24 \div 4 =$	$36 \div 4 =$
$50 \div 10 =$	$16 \div 2 =$	$72 \div 6 =$	$40 \div 8 =$
$64 \div 8 =$	$27 \div 9 =$	$24 \div 2 =$	$4 \div 2 =$
$108 \div 9 =$	$32 \div 8 =$	$5 \div 5 =$	$10 \div 5 =$
$12 \div 6 =$	$54 \div 9 =$	$9 \div 3 =$	$36 \div 3 =$
$16 \div 4 =$	$40 \div 4 =$	$30 \div 5 =$	$12 \div 3 =$
$90 \div 9 =$	$66 \div 6 =$	$2 \div 2 =$	$20 \div 10 =$
$96 \div 8 =$	$80 \div 8 =$	$18 \div 3 =$	$24 \div 3 =$

Time Taken: _