

8.1 Count from any number in steps of 6

Use the hundred square over leaf to help when adding 6. Look carefully at the units column. Can you spot any patterns?

E.G.

$23 + 6 = 29$

$47 + 6 = 53$

$56 + 6 = 62$

$79 + 6 = 85$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



8.2 Count from any number in steps of 7

Take a pack of playing cards and remove the 10s and face cards. Place one card in the tens column and one card in the ones column. Now start counting in steps of 7. How far can you get in 30 seconds?



Tens	Ones
10	1
17	8
24	5
31	2
38	9
45	6
52	3
59	0
66	7
73	4
80	1
87	8
94	5
101	2



8.3 Count from any number in steps of 9

Top tip: Add 10 and then take 1 away.



Play Ping Pong.

Start off saying 'ping'
Child replies 'pong'



Then serve with a number and the child must return with the number that is 9 more. Keep going until somebody makes a mistake.

8.4 Count from zero in steps of 25

E.G. 0, 25, 50, 75, 100, 125, 150, 175, 200

Make it real: If you swam 7 lengths of a 25m swimming pool, how far have you swam?



Extra challenge

When confident, try counting in 250s or 2.5s

Saturn

Colour the star when you think you have achieved that skill. **Remember, you need to answer each question under 3 seconds** (try to answer 10 or more in 30 seconds). Your teacher will let you know the next time there's an assessment.

8.5 Count from zero in steps of 1000

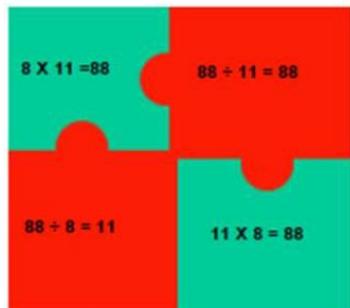
E.g. 0, 1000, 2000, 3000, 4000, 5000...

Make it real: Relate the skills to measurement.
How many metres are there in 7km?

How many litres is 6000ml?



8.6 and 8.7 Know by heart all multiplication and division facts for 11, up to 11X 12



Multiplication facts



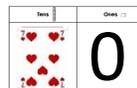
Division facts



8.8 Know by heart all multiplication facts for 12, up to 12 X 12

Start by rolling one dice and multiplying the number by 12. When you're confident move on to two dice.

Extra challenge: Use a pack of cards to create a random multiple of 10 and multiply it by 12.



$70 \times 12 = 840$



8.9 Know by heart all division facts for 12, up to 12 X 12

Pick a domino, add the dots together and multiply the answer by 12. Then say the related division fact.

E.G.



$7 \times 12 = 84$ so $84 \div 12 = 7$



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31	32	33	34	35	36	37	38	39	40
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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100