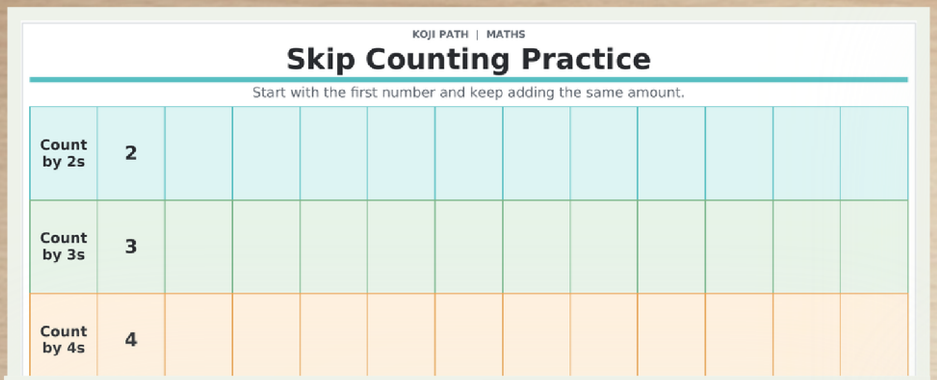
Skip Counting 2s–12s

Charts • Patterns • Practice • Reasoning

COUNT • SPOT • CONTINUE • APPLY

US & UK Editions


KOJI PATH | MATHS

Skip Counting Practice

Start with the first number and keep adding the same amount.

Count by 2s	2										
Count by 3s	3										
Count by 4s	4										


KOJI PATH | MATHS

What Comes Next? – Challeng

The pattern may begin later. Add two more values.

1) 14, 21, 28, 35, ___, ___

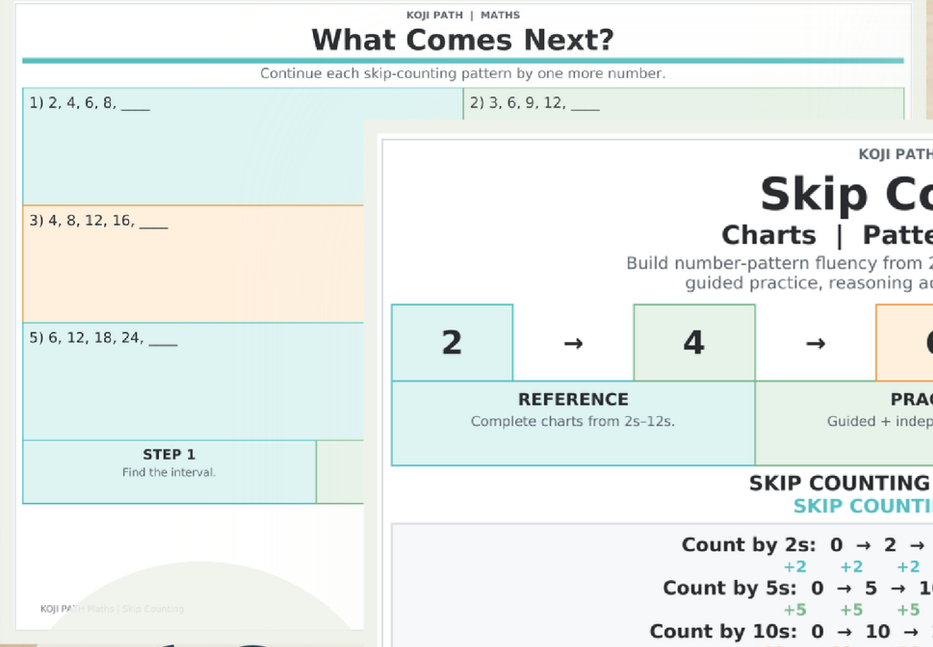
2) 32, 40, 48, 56, ___, ___

3) 45, 54, 63, 72, ___, ___

4) 60, 70, 80, 90, ___, ___

5) 33, 44, 55, 66, ___, ___

6) 48, 60, 72, 84, ___, ___


KOJI PATH | MATHS

What Comes Next?

Continue each skip-counting pattern by one more number.

1) 2, 4, 6, 8, ___

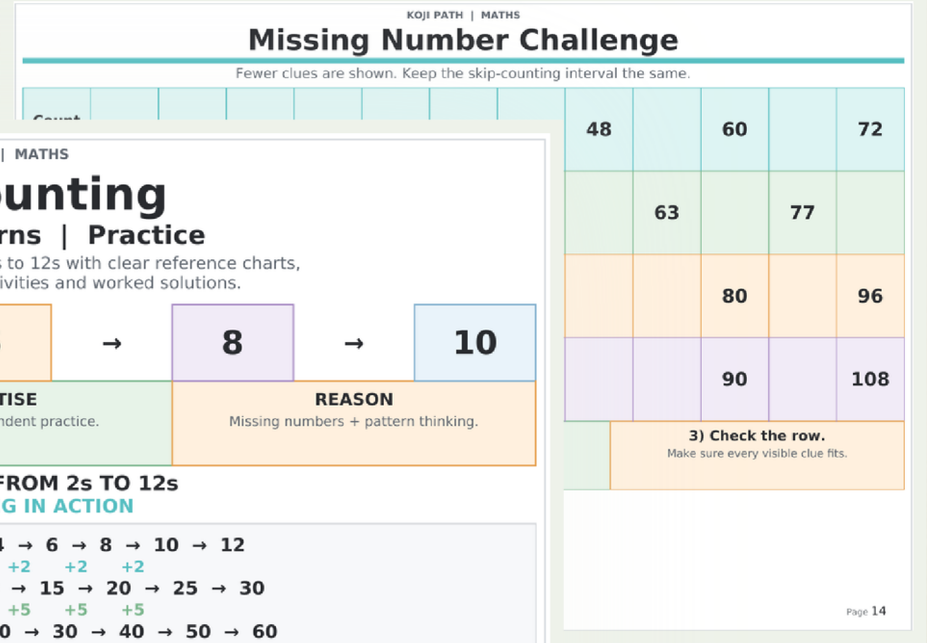
2) 3, 6, 9, 12, ___

3) 4, 8, 12, 16, ___

5) 6, 12, 18, 24, ___

STEP 1

Find the interval.


KOJI PATH | MATHS

Missing Number Challenge

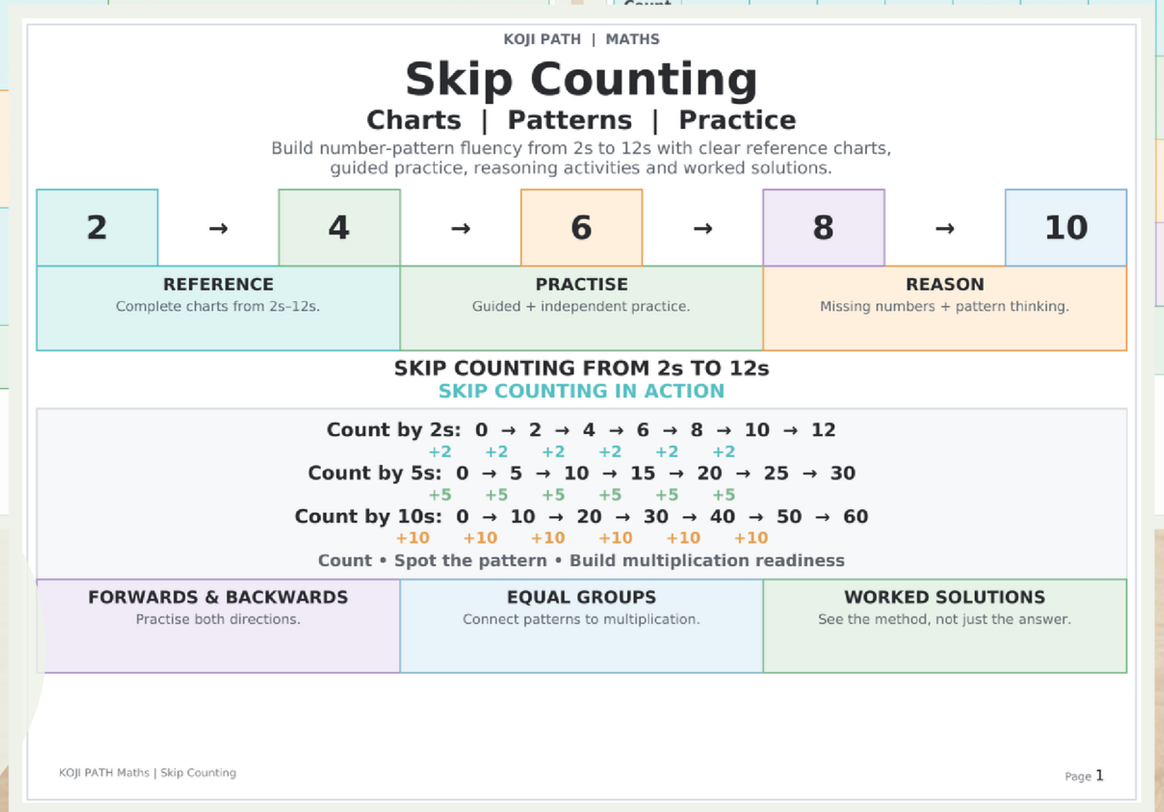
Fewer clues are shown. Keep the skip-counting interval the same.

48		60		72
	63		77	
		80		96
		90		108

3) Check the row.

Make sure every visible clue fits.

Page 14


KOJI PATH | MATHS

Skip Counting

Charts | Patterns | Practice

Build number-pattern fluency from 2s to 12s with clear reference charts, guided practice, reasoning activities and worked solutions.

2 → 4 → 6 → 8 → 10

REFERENCE	PRACTISE	REASON
Complete charts from 2s–12s.	Guided + independent practice.	Missing numbers + pattern thinking.

SKIP COUNTING FROM 2s TO 12s

SKIP COUNTING IN ACTION

Count by 2s: 0 → 2 → 4 → 6 → 8 → 10 → 12

+2 +2 +2 +2 +2 +2

Count by 5s: 0 → 5 → 10 → 15 → 20 → 25 → 30

+5 +5 +5 +5 +5 +5

Count by 10s: 0 → 10 → 20 → 30 → 40 → 50 → 60

+10 +10 +10 +10 +10 +10

Count • Spot the pattern • Build multiplication readiness

FORWARDS & BACKWARDS	EQUAL GROUPS	WORKED SOLUTIONS
Practise both directions.	Connect patterns to multiplication.	See the method, not just the answer.

KOJI PATH Maths | Skip Counting

Page 1

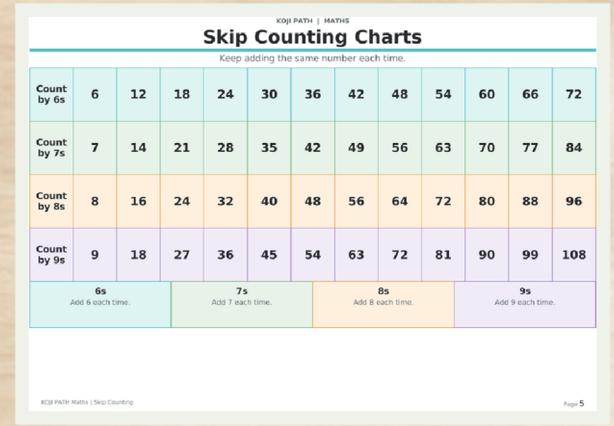
63 pages

Reference Charts • Missing Numbers • Number Patterns • Multiplication

What's Included

A look inside both 63-page A4 editions

- Skip Counting Charts from 2s–12s
- Guided & Independent Practice
- Missing Number Activities & Challenges
- What Comes Next? & What Comes Before?
- Counting in Both Directions
- Find the Rule & Number-Line Jumps
- Equal Groups & Multiplication Connections
- Mixed Review, Challenges & Worked Solutions



KOJI PATH | MATHS

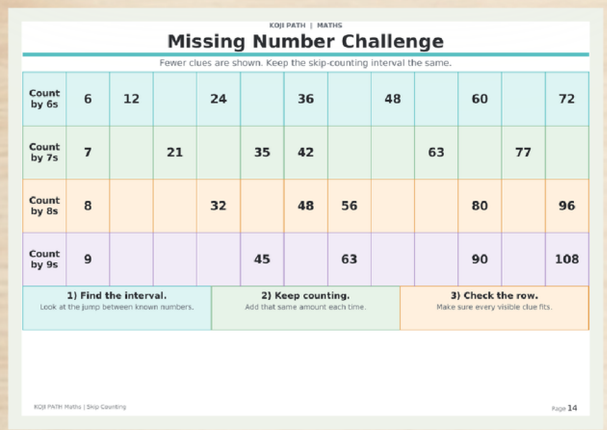
Skip Counting Charts

Keep adding the same number each time.

Count by 6s	6	12	18	24	30	36	42	48	54	60	66	72
Count by 7s	7	14	21	28	35	42	49	56	63	70	77	84
Count by 8s	8	16	24	32	40	48	56	64	72	80	88	96
Count by 9s	9	18	27	36	45	54	63	72	81	90	99	108

6s Add 6 each time. | **7s** Add 7 each time. | **8s** Add 8 each time. | **9s** Add 9 each time.

KOJI PATH Maths | Skip Counting — Page 5



KOJI PATH | MATHS

Missing Number Challenge

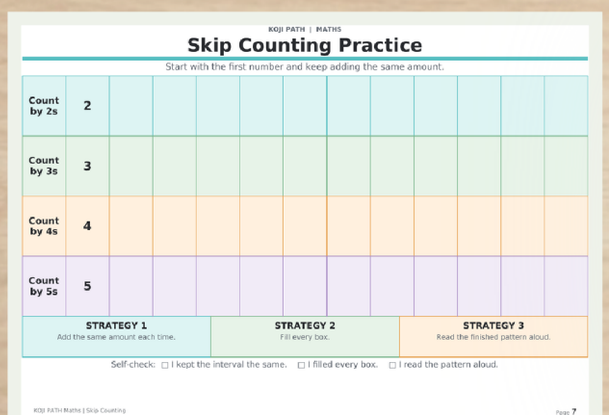
Fewer clues are shown. Keep the skip-counting interval the same.

Count by 6s	6	12		24		36		48		60		72
Count by 7s	7		21		35	42			63		77	
Count by 8s	8			32		48	56			80		96
Count by 9s	9				45		63			90		108

1) Find the interval. Look at the jump between known numbers. | **2) Keep counting.** Add that same amount each time. | **3) Check the row.** Make sure every visible clue fits.

KOJI PATH Maths | Skip Counting — Page 14

Includes both UK & US editions



KOJI PATH | MATHS

Skip Counting Practice

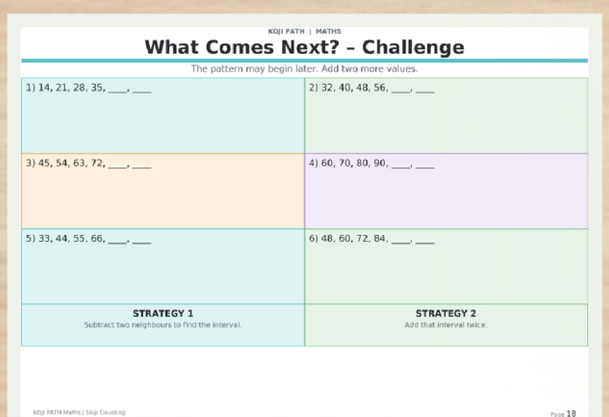
Start with the first number and keep adding the same amount.

Count by 2s	2											
Count by 3s	3											
Count by 4s	4											
Count by 5s	5											

STRATEGY 1 Add the same amount each time. | **STRATEGY 2** Fill every box. | **STRATEGY 3** Read the finished pattern aloud.

Self-check: ☐ I kept the interval the same. ☐ I filled every box. ☐ I read the pattern aloud.

KOJI PATH Maths | Skip Counting — Page 7



KOJI PATH | MATHS

What Comes Next? – Challenge

The pattern may begin later. Add two more values.

1) 14, 21, 28, 35, ___, ___

2) 32, 40, 48, 56, ___, ___

3) 45, 54, 63, 72, ___, ___

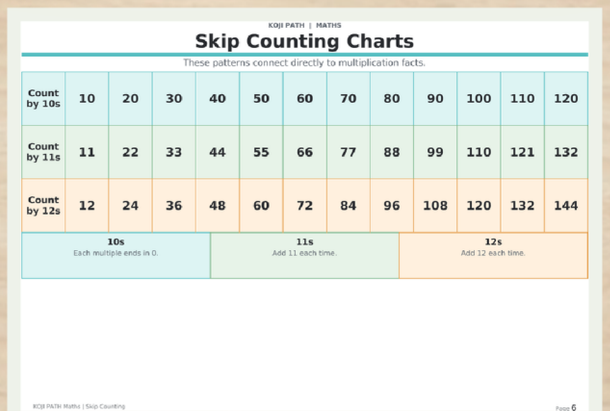
4) 60, 70, 80, 90, ___, ___

5) 33, 44, 55, 66, ___, ___

6) 48, 60, 72, 84, ___, ___

STRATEGY 1 Subtract two neighbours to find the interval. | **STRATEGY 2** Add that interval twice.

KOJI PATH Maths | Skip Counting — Page 18



KOJI PATH | MATHS

Skip Counting Charts

These patterns connect directly to multiplication facts.

Count by 10s	10	20	30	40	50	60	70	80	90	100	110	120
Count by 11s	11	22	33	44	55	66	77	88	99	110	121	132
Count by 12s	12	24	36	48	60	72	84	96	108	120	132	144

10s Each multiple ends in 0. | **11s** Add 11 each time. | **12s** Add 12 each time.

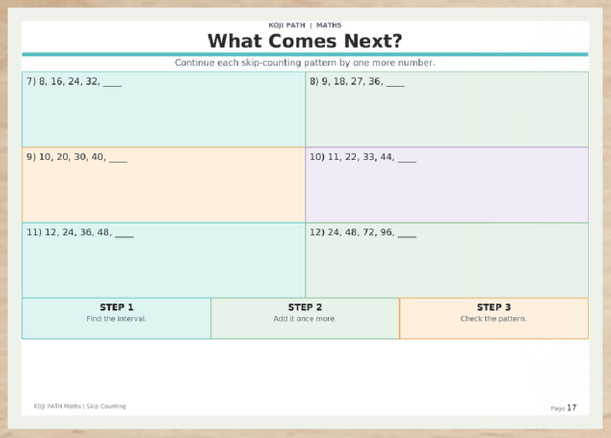
KOJI PATH Maths | Skip Counting — Page 6

Build Strong Skip-Counting Fluency

What Comes Next?

What Comes Before?

How Much Is Added Each Time?



KOJI PATH | MATHS

What Comes Next?

Continue each skip-counting pattern by one more number.

7) 8, 16, 24, 32, ___

8) 9, 18, 27, 36, ___

9) 10, 20, 30, 40, ___

10) 11, 22, 33, 44, ___

11) 12, 24, 36, 48, ___

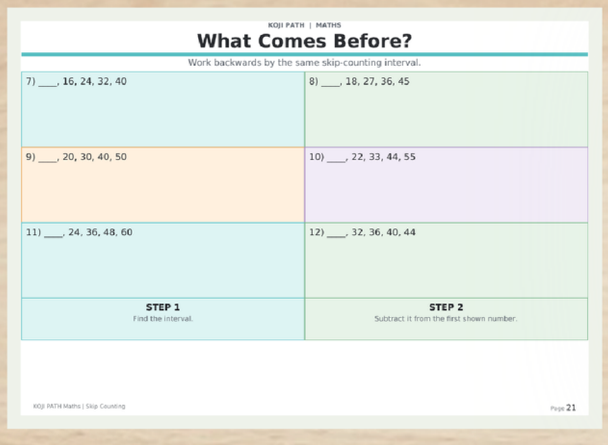
12) 24, 48, 72, 96, ___

STEP 1 Find the interval.

STEP 2 Add it once more.

STEP 3 Check the pattern.

KOJI PATH Maths | Skip Counting Page 17



KOJI PATH | MATHS

What Comes Before?

Work backwards by the same skip-counting interval.

7) ___, 16, 24, 32, 40

8) ___, 18, 27, 36, 45

9) ___, 20, 30, 40, 50

10) ___, 22, 33, 44, 55

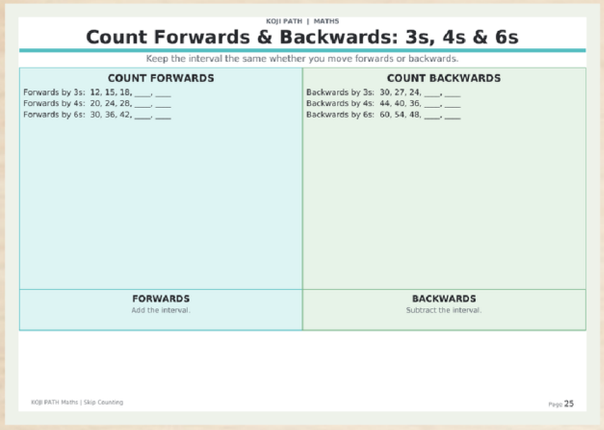
11) ___, 24, 36, 48, 60

12) ___, 32, 36, 40, 44

STEP 1 Find the interval.

STEP 2 Subtract it from the first shown number.

KOJI PATH Maths | Skip Counting Page 21



KOJI PATH | MATHS

Count Forwards & Backwards: 3s, 4s & 6s

Keep the interval the same whether you move forwards or backwards.

COUNT FORWARDS

Forwards by 3s: 12, 15, 18, ___, ___
Forwards by 4s: 20, 24, 28, ___, ___
Forwards by 6s: 30, 36, 42, ___, ___

COUNT BACKWARDS

Backwards by 3s: 30, 27, 24, ___, ___
Backwards by 4s: 44, 40, 36, ___, ___
Backwards by 6s: 60, 54, 48, ___, ___

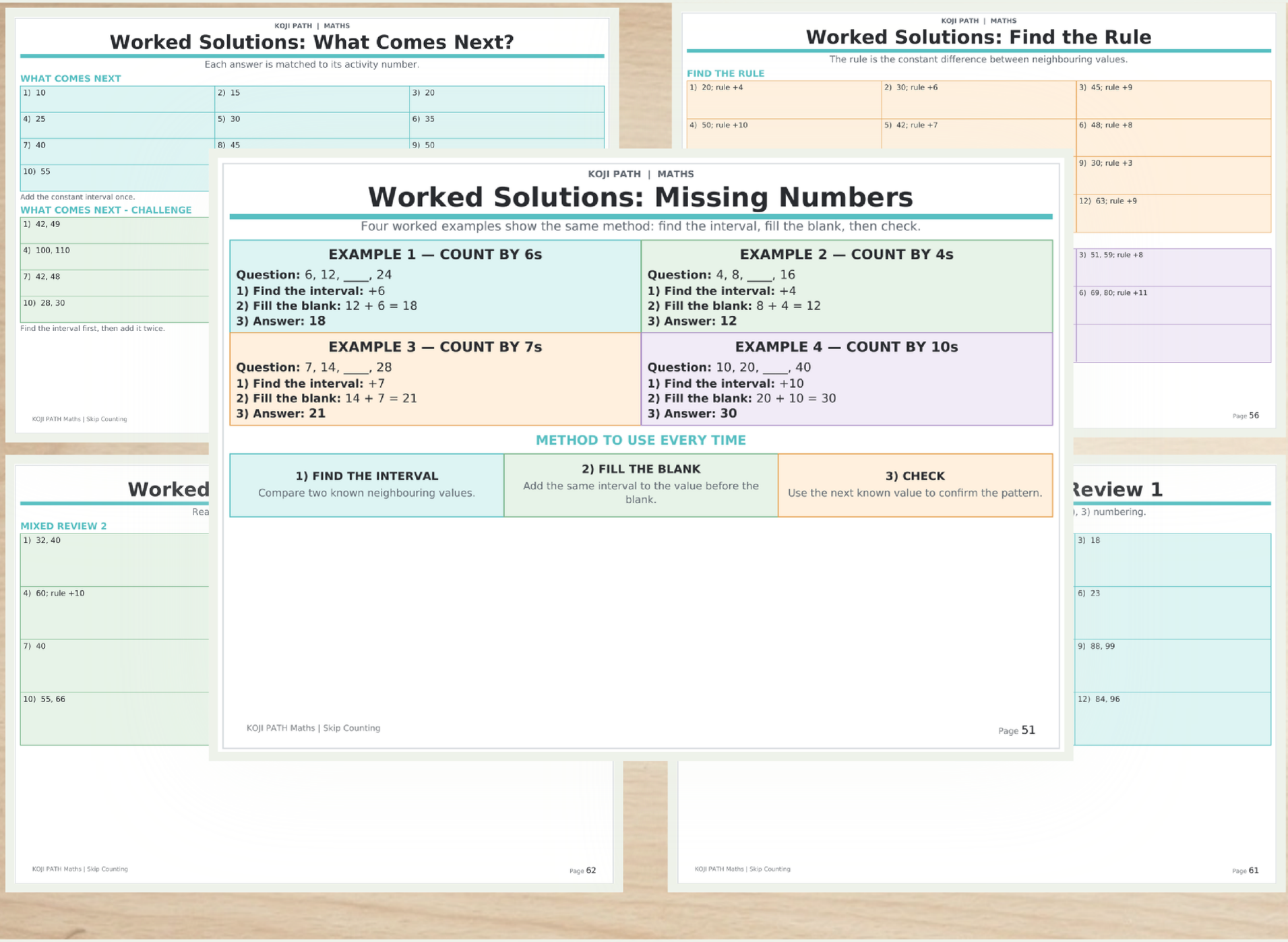
FORWARDS Add the interval.

BACKWARDS Subtract the interval.

KOJI PATH Maths | Skip Counting Page 25

Count • Spot Patterns • Reason • Apply • Explain

Full Worked Solutions



KOJI PATH | MATHS

Worked Solutions: What Comes Next?

Each answer is matched to its activity number.

WHAT COMES NEXT

1) 10	2) 15	3) 20
4) 25	5) 30	6) 35
7) 40	8) 45	9) 50
10) 55		

Add the constant interval once.

WHAT COMES NEXT - CHALLENGE

1) 42, 49	
4) 100, 110	
7) 42, 48	
10) 28, 30	

Find the interval first, then add it twice.

KOJI PATH Maths | Skip Counting

KOJI PATH | MATHS

Worked Solutions: Find the Rule

The rule is the constant difference between neighbouring values.

FIND THE RULE

1) 20; rule +4	2) 30; rule +6	3) 45; rule +9
4) 50; rule +10	5) 42; rule +7	6) 48; rule +8
		9) 30; rule +3
		12) 63; rule +9

3) 51, 59; rule +8	
6) 69, 80; rule +11	

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KOJI PATH | MATHS

Worked Solutions: Missing Numbers

Four worked examples show the same method: find the interval, fill the blank, then check.

EXAMPLE 1 — COUNT BY 6s

Question: 6, 12, ____, 24
1) Find the interval: +6
2) Fill the blank: 12 + 6 = 18
3) Answer: 18

EXAMPLE 2 — COUNT BY 4s

Question: 4, 8, ____, 16
1) Find the interval: +4
2) Fill the blank: 8 + 4 = 12
3) Answer: 12

EXAMPLE 3 — COUNT BY 7s

Question: 7, 14, ____, 28
1) Find the interval: +7
2) Fill the blank: 14 + 7 = 21
3) Answer: 21

EXAMPLE 4 — COUNT BY 10s

Question: 10, 20, ____, 40
1) Find the interval: +10
2) Fill the blank: 20 + 10 = 30
3) Answer: 30

METHOD TO USE EVERY TIME

1) FIND THE INTERVAL	2) FILL THE BLANK	3) CHECK
Compare two known neighbouring values.	Add the same interval to the value before the blank.	Use the next known value to confirm the pattern.

KOJI PATH Maths | Skip Counting

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Worked

Rea

MIXED REVIEW 2

1) 32, 40
4) 60; rule +10
7) 40
10) 55, 66

KOJI PATH Maths | Skip Counting

Page 62

Review 1

, 3) numbering.

3) 18
6) 23
9) 88, 99
12) 84, 96

KOJI PATH Maths | Skip Counting

Page 61

See the Method • Follow Each Step • Check the Answer