Maths
Week 1

Get to FOUR

This booklet is for **Sam**

This week's one skill

Finding a percentage of an amount, without a calculator.

About 15 minutes a day. Start with just two.

Tick each session when it's done

☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat

Sun **Photos of pages 4-7**

My plan for this week

Same time, same place, every day. Pick yours:

When I _____

then I open my booklet at today's page.

For the grown-up helping

Hand this booklet over on Monday, start the timer, then step back. On Sunday, photograph pages 4 to 7 in the app.

This week in the app

Mon · 10-12 min · ☐ Done

Learn

Warm-up: 3 quick ones

1. 7 × 8 _____

2. 120 ÷ 4 _____

3. Half of 90 _____

Worked example: 15% of 240

1. Find 10%: divide by 10 — **240 ÷ 10 = 24**
2. Find 5%: half of the 10% answer — **24 ÷ 2 = 12**
3. Add 10% and 5% to get 15% — **24 + 12 = 36**

Your turn: 35% of 80. Fill in the boxes.

1. Find 10%: divide by 10 — **80 ÷ 10 = 8**
2. Find 30%: three lots of 10% — **3 × 8 =** ☐
3. Find 5%: half of the 10% answer — **8 ÷ 2 =** ☐
4. Add 30% and 5% to get 35% — ☐ **+** ☐ **=** ☐

Finished? Stand up, stretch, get some water. Then tick today on the cover.

Tue · 10-15 min · ☐ Done

Practise with hints

Warm-up: 3 quick ones

1. 6 × 7

2. 200 ÷ 5

3. Double 35

Work out each one. Stuck? Turn to page 8 and use one hint at a time.

1 10% of 350 H1 H2 H3

2 20% of 45 H1 H2 H3

3 5% of 260 H1 H2 H3

4 25% of 64 H1 H2 H3

5 15% of 120 H1 H2 H3

6 75% of 48 H1 H2 H3

Finished? Stand up, stretch, get some water. Then tick today on the cover.

Wed · 10-15 min · ☐ Done

Practise without hints

Photograph this page on Sunday

Warm-up: 3 quick ones

1. 9 × 4

2. Half of 64

3. 300 ÷ 10

Exam style. Show your working in the box.

1 **Work out** 30% of 70. **(2 marks)**

2 A jacket costs £60. In a sale the price is reduced by 15%. **Work out** the sale price. **(3 marks)**

3 Which is bigger: 40% of 85 or 35% of 100? **Show** your working. **(2 marks)**

4 **Write** 3/5 as a percentage. **(1 mark)**

Finished? Stand up, stretch, get some water. Then tick today on the cover.

Thu · 10-15 min · ☐ Done

Mix it up

Photograph this page on Sunday

Warm-up: 3 quick ones

1. 8 × 6

2. 90 ÷ 3

3. A quarter of 40

A mix of skills. Pick the method first, then solve. No hints today.

1 3.4 × 10

2 **Round** 6,482 to the nearest hundred.

3 12% of 50

4 **Simplify** 18/24

5 **Work out** the perimeter of a rectangle 7 cm by 4 cm.

Finished? Stand up, stretch, get some water. Then tick today on the cover.

Fri ⏱ **12 min** ☐ **Done**

Mini exam

Photograph this page on Sunday

Set a timer for **12 minutes**. 6 marks. Show your working.

1 Sam earns £1,200 a month. He saves 15% of it. How much does he save each month? **(2 marks)**

2 A phone costs £240. Shop A: 25% off. Shop B: £50 off. Which shop is cheaper? You **must show** your working. **(3 marks)**

3 **Write** 0.45 as a percentage. **(1 mark)**

Finished? Stand up, stretch, get some water. Then tick today on the cover.

Sat · 15-20 min · Done

Extended answer

Photograph this page on Sunday

Missed a day this week? Do that page today instead. Otherwise, try this one.

Planning box

What do I know?	What do I need to find?	My steps

1 Mia has £80. She spends 35% of it on a ticket and 1/4 of it on food. How much money does she have left? **(4 marks)**

Hints and check

Hints for page 3. Try first, then use one step at a time.

H1 **Nudge.** 10% means divide by 10.

H2 **Strategy.** Build big percentages from 10%, 5% and 1%. A quarter is 25%.

H3 **First step.** For 15% of 120, start with 10% = 12.

Used a hint? Tick its box next to the question. That's fine: it's how you learn.

How did this week go?

- [ ] I can find 10% of an amount
- [ ] I can find 5% of an amount
- [ ] I can find 25% of an amount

I need help with: _____

Thought check

A thought that gets in the way: **"I'm rubbish at maths."**
Look at your ticks on the cover. What did you get done this week?

A fairer thought: _____

Grown-up's initials when the week is done: _____

Something wrong with a question? Tell us in the app and we'll check it.