Typesetting Improvement Proof

Worksheet grids, support bars, tall maths, diagram cells, and worked-example page breaks.

Improvement Proof

Grade 3

Ruled worksheet grid

Questions A

Short questions should read like a worksheet, with clear rows and cells.

1. 7.3	2. 8.2
3. 10.4	4. 29.1
5. 76.1	6. 13.8

Hints / Notes	*Trouble with this? Jump to:*
Watch out when removing a five. Five always rounds up.	Improvement Proof (p. 1)

Story list rows

Questions B

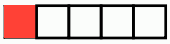
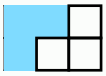
Longer word problems need the full line and a visible boundary.

1. At an ice skating competition, the first judge awarded 8 marks and the second judge awarded −10 marks. What was the total mark?
2. Given $8.57 \times 2.1 = 17.997$, find:
   (a) 857×2.1 **(b)** 85.7×21 **(c)** $17.997 \div 21$
3. Saira's class voted for an end of term treat. They voted for either a picnic lunch or a game. What was the difference between the two totals?
4. A recipe uses 200g of butter and 300g of flour. How much would be needed for 8 biscuits?

Diagram grid

Questions C

Visual questions need cells that feel like answerable spaces.

1. What fraction is shaded? 	2. What fraction is shaded? 

Tall maths grid

Questions D

Fractions, roots, and powers should not collide with row spacing.

1. $\sqrt{81}$	2. $\sqrt{144}$
3. $\frac{553}{3.47}$	4. 14^2

Worked example page break stress

Example 0.1 — This should not strand its label

$$36 \times 25 = 900$$ Split the calculation into useful parts.

$$30 \times 25 = 750$$ Multiply the tens part.

$$6 \times 25 = 150$$ Multiply the units part.

$$750 + 150 = 900$$ Add the partial products.