Math Confidence
Print Collection

Nine complete maths resources in one book, with a progression guide and answer index.

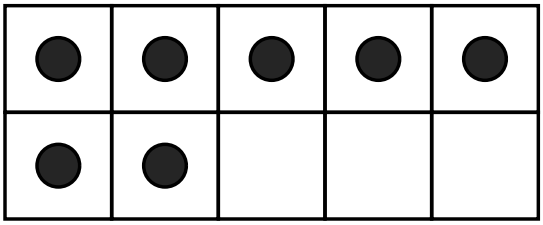
By Titus Rupesh

Ten-frames and making ten

Place value, clocks and measuring

Fractions, story sums and number lines

Reasoning through mathematical mistakes



Choose by readiness. Work with an adult.

Contents and section map

01 Ten-Frame Number Friends

Collection pages 8-21 | 14 source pages

02 Make Ten Picnic

Collection pages 22-35 | 14 source pages

03 Place Value Workshop

Collection pages 36-52 | 17 source pages

04 Clock Talk Cards

Collection pages 53-84 | 32 source pages

05 Measure My Room

Collection pages 85-116 | 32 source pages

06 Fraction Sharing Table

Collection pages 117-148 | 32 source pages

07 Original Story Sums

Collection pages 149-180 | 32 source pages

08 Number Line Journeys

Collection pages 181-212 | 32 source pages

09 Math Mistake Detectives

Collection pages 213-244 | 32 source pages

Answer finder: collection pages 6-7

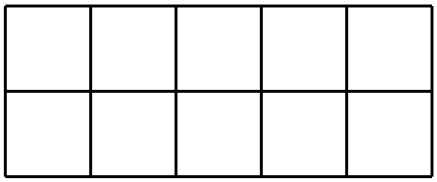
Local page numbers restart within each component.

ACTIVITY 1 OF 10

Read the frames

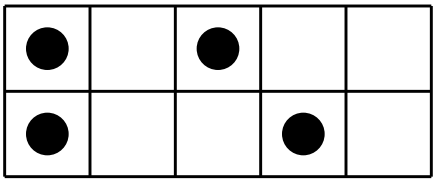
Count the dots. Say or write the number. An empty frame has zero dots.

A



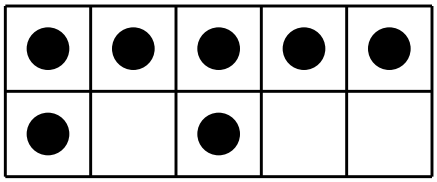
Number: _____

B



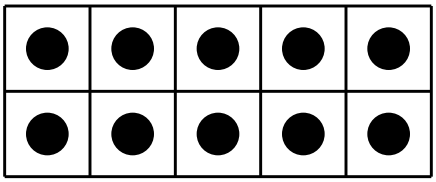
Number: _____

C



Number: _____

D



Number: _____

Try more: How do you know the last frame shows ten?

COLLECTION 10

WORKED ANSWERS 1 OF 2

Read, build and notice

Activity 1 - full page 3

A: 0 (no dots). B: 4. C: 7. D: 10. Extension: two rows of five make ten.

Activity 2 - full page 4

A: 2 dots in cells 1-2. B: 5 in cells 1-5. C: 8 in cells 1-8. D: 9 in cells 1-9. Count across the top row first, then the bottom. Extension: B, C and D each have a full top row.

Activity 3 - full page 5

Row 1: B, four dots. A has 3; C has 5. Row 2: A, six dots. B has 5; C has 7. Row 3: C, eight dots. A has 9; B has 7. Extension: rearranging dots without adding or removing any keeps the quantity the same.

Activity 4 - full page 6

A: 5 + 1 = 6. B: 5 + 2 = 7. C: 5 + 4 = 9. Extension: eight is a full row of five and three more dots.

Activity 5 - full page 7

Empty spaces: A: 9; B: 6; C: 2; D: 0. There are always ten spaces. Extension: D has no empty spaces because every space has a dot.

Cell key for the build answers: 1-5 run left to right along the top; 6-10 run left to right along the bottom. Children do not need to learn cell numbers.