Use What You Know — Year 3 Maths

Year 3 Maths · 50 challenge cards

from Familiar Frontiers

Five-card sample · print A4

Question cards for A4 printing, with four cards per sheet.

- Print at 100% (actual size) on A4.
- Cut along the dashed lines.
- All five cards use secure KS1 skills and facts printed on the card.
- Find the answers in the screen sample.

Fifty short maths challenges that ask children to use something they already know in a new situation. Selected learning for Year 3 in England. Start with the cards marked start-ready, then choose other cards by the teaching they need.

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UseWhatYouKnow-Y3-Maths-Sample-Print-A4.pdf

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Y3M-002

MATHS

Checking the check

Jo works out 46 + 38 and gets 84. To check, she works out 84 – 38 and gets 56. “They don’t match, so my adding was wrong,” she says.

Which calculation is wrong? What is its correct answer?

Y3M-005

MATHS

Three votes to come

A class is voting for a pet. Three children have not voted yet. The pet with the most votes wins.

Pet	Votes so far
Fish	7
Hamster	9
Snail	4

Can Fish still win? Can Snail still win? Explain how you know.

Y3M-008

MATHS

One turn instead of three

A toy robot faces the door. It makes a quarter turn clockwise, then a half turn clockwise, then a quarter turn anticlockwise.

Which single turn does the same job as all three?

Y3M-014

MATHS

Count the change

Lena buys a comic for 65p and a sticker for 28p. She pays with a £1 coin. The shopkeeper gives her a 5p coin and a 1p coin.

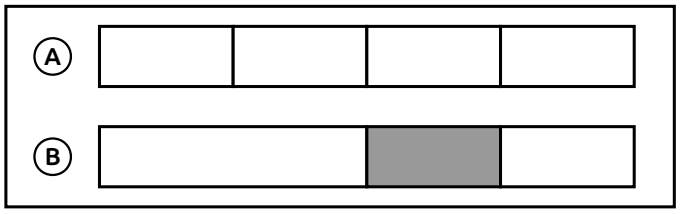
How much more change should Lena have been given?

Y3M-030

MATHS

One of three parts

Bar A is split into 4 equal parts. Bar B is the same length. Tom says, “One of bar B’s three parts is shaded, so $\frac{1}{3}$ of bar B is shaded.”



What fraction of bar B is really shaded? Explain Tom’s mistake.