



Year 5 Maths at Quarry Hill

Topics covered in Year 5

Place value

Number

Fractions, decimals and percentages

Geometry (position and direction, 2D/3D shape)

Measure

Statistics

Algebra

What do our
lessons look like?

Fluency: 3-5
questions

A handwritten subtraction problem on grid paper. The problem is $524.510 - 29.65$. The student has written the numbers with some corrections: the first number is 5 ~~2~~ ^{2} ~~4~~ ^{3} ~~5~~ ^{1} 0 , and the second number is 29.65 . The result is 504.95 . The work is organized into columns by the grid lines.

$$\begin{array}{r} 5\cancel{2}^2\cancel{4}^3\cancel{5}^10 \\ - 29.65 \\ \hline 504.95 \end{array}$$

A handwritten multiplication problem on grid paper. The problem is 372×24 . The student has written the numbers and the result 8928 . The work is organized into columns by the grid lines.

$$\begin{array}{r} 372 \\ \times 24 \\ \hline 1488 \\ 7440 \\ \hline 8928 \end{array}$$

A handwritten division problem on grid paper. The problem is $1533 \div 4$. The student has written the numbers and the result 38 with a remainder of 1 . The work is organized into columns by the grid lines.

$$\begin{array}{r} 38 \text{ r } 1 \\ 4 \overline{) 1533} \end{array}$$

What do our
lessons look
like?
Reasoning:
3-5
questions

4b. Isabelle is measuring angles on a straight line.
She says:

There are three
angles on the line.
One is 100° , one is 30°
and the other is 55° .



Could she be right? Explain how you know.

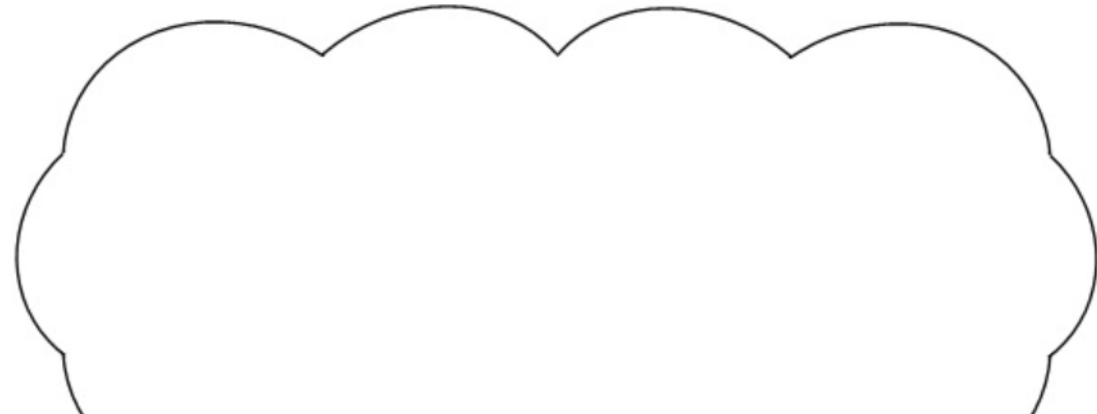
Circle the **prime** number.

95

89

87

Explain how you know the other numbers are **not** prime.



What do our
lessons look
like?

Problem solving:
3-5 questions

John buys one toy car and one pack of stickers.



£1.49



£1.64

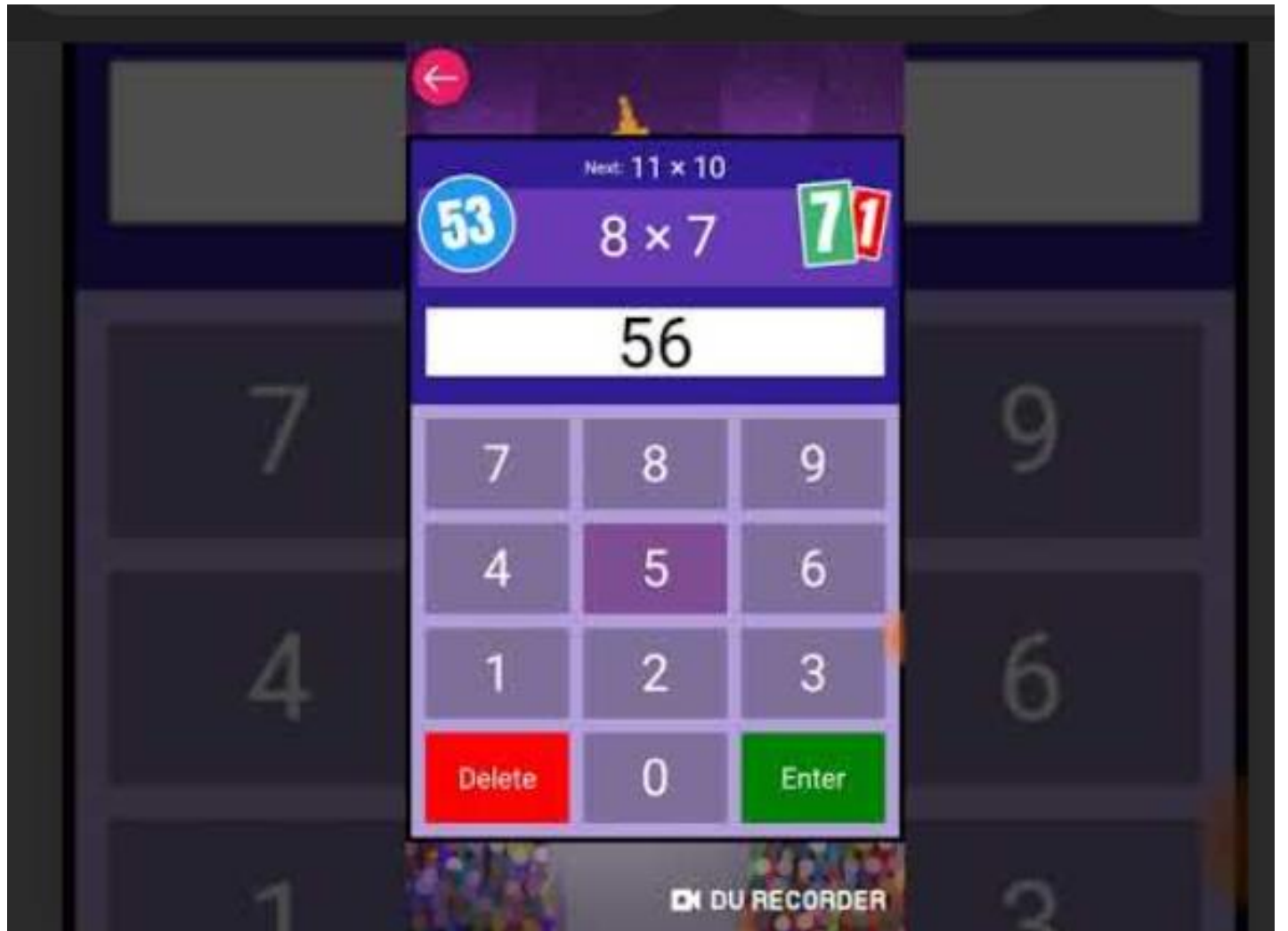
He pays with a **£10** note.

How much change does John get?

Show
your
method

£

How can you
help at
home?



How can you
help at
home?



Number



Calculations



Fraction, Decimals and
Percentages



Ratio and Proportion

$x + y$

Algebra



Measurement



Geometry



Statistics