Using the facts we have worked on, we can solve written division questions using a number line.

I do   52 ÷ 4   ① 5 2 ÷ 4 = 1 3   Use a multiplication grid to help!
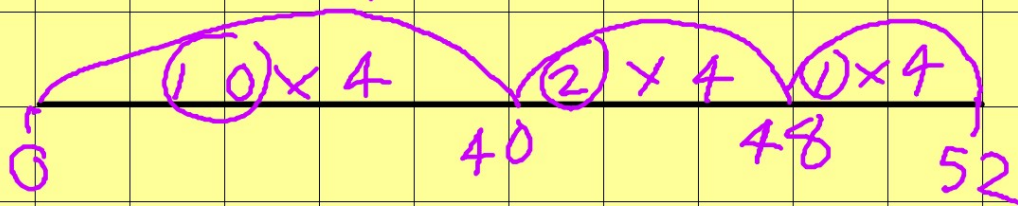
Key facts

1 0 × 4 = 4 0

5 × 4 = 2 0

2 × 4 = 8

1 × 4 = 4

(1 0) × 4   (2) × 4   (1) × 4

0   40   48   52

1 0 + 2 + 1 = 1 3

Remember: Pencil, short date, underlined.

I do   48 ÷ 3

Remember Reasoning is important – challenge yourselves!
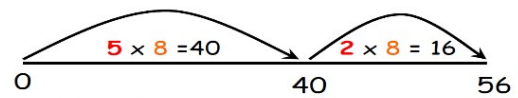
Calculation at Chesswood

Division 2

Number Line in chunks

What jumps of 8 can you make on the number line towards 56?
5 x 8 = 40 would be good!

Now a jump of 2 x 8 = 16 would take you to 56.

56 ÷ 8 =
Use a number line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

We do   54 ÷ 3

Remember Reasoning is important – challenge yourselves!

Calculation at Chesswood

CHESSWOOD

Division 2

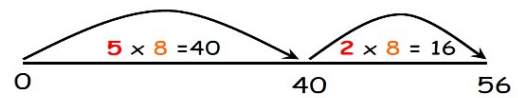Number Line in chunks

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56 ÷ 8 =
Use a number line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

You do   63 ÷ 3

Remember Reasoning is important – challenge yourselves!
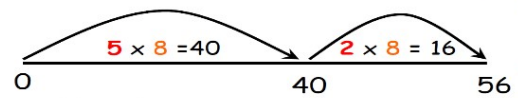
Calculation at Chesswood

Division 2

Number Line in chunks

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5 x 8 = 40 would be good!

Now a jump of 2 x 8 = 16 would take you to 56.

56 ÷ 8 =
Use a number line to do this.

5 x 8 = 40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

I do   69 ÷ 3

Remember
Reasoning is
important –
challenge
yourselves!

Calculation at Chesswood

Division 2

Number Line in chunks

What jumps of 8 can you make on
the number line towards 56?
5 x 8 = 40 would be good!

Now a jump of 2 x 8 = 16
would take you to 56.

56 ÷ 8 =

Use a number
line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

We do 78 ÷ 3

Remember Reasoning is important – challenge yourselves!
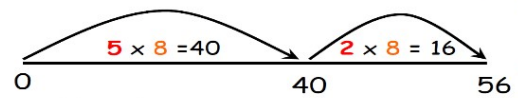
Calculation at Chesswood

Division 2

Number Line in chunks

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56 ÷ 8 =
Use a number line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

You do   87 ÷ 3

Remember
Reasoning is
important –
challenge
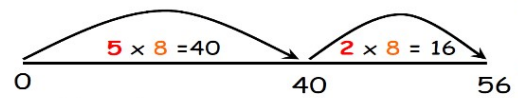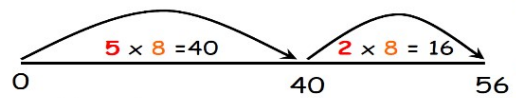yourselves!

Calculation at Chesswood   Division   2

Number Line in chunks

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the number line towards 56?
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Now a jump of 2 x 8 = 16
would take you to 56.

56 ÷ 8 =
Use a number
line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

I do   84 ÷ 6

Remember Reasoning is important – challenge yourselves!

Calculation at Chesswood   Division   2

Number Line in chunks

What jumps of 8 can you make on the number line towards 56?
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Now a jump of 2 x 8 = 16 would take you to 56.

56 ÷ 8 =
Use a number line to do this.

5 x 8 = 40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

We do   96 ÷ 6

Remember
Reasoning is
important –
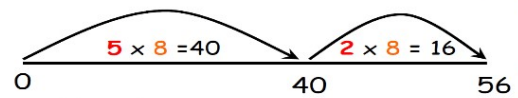challenge
yourselves!

Calculation at Chesswood

Division | **2**

Number Line in chunks

What jumps of 8 can you make on
the number line towards 56?
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Now a jump of 2 x 8 = 16
would take you to 56.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

56 ÷ 8 =
Use a number
line to do this.

Year 3

Remember: Pencil, short date, underlined.

You do $102 \div 6$

Remember Reasoning is important - challenge yourselves!

Calculation at Chesswood
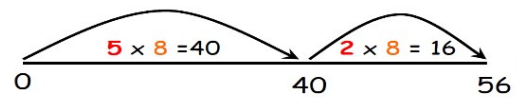
Division | 2

Number Line in chunks

What jumps of 8 can you make on the number line towards 56?
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$56 \div 8 =$
Use a number line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

$56 \div 8 = 7$

Year 3

Remember: Pencil, short date, underlined.

I do   114 ÷ 6

Remember Reasoning is important - challenge yourselves!
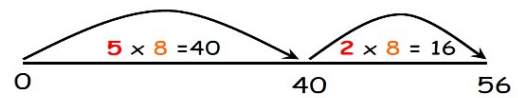
Calculation at Chesswood

Division   2

Number Line in chunks

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56 ÷ 8 =
Use a number line to do this.

5 x 8 =40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

We do 132 ÷ 6

Remember Reasoning is important – challenge yourselves!
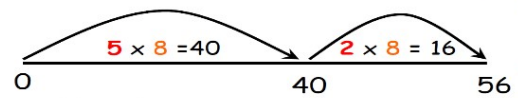
Calculation at Chesswood

Division 2

Number Line in chunks

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Use a number line to do this.

5 x 8 = 40   2 x 8 = 16

0   40   56

Add 5 and 2 = 7.

56 ÷ 8 = 7

Year 3

Remember: Pencil, short date, underlined.

You do 150 ÷ 6

Remember Reasoning is important – challenge yourselves!
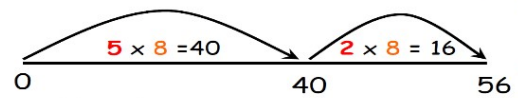
Calculation at Chesswood | Division | 2

Number Line in chunks

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Year 3