Maths Mastery Multiplication Formal Methods

Teacher Information

Click one of the buttons at the bottom of the relevant slides to show the regrouped numbers in different places.

Eg.



After you show the answers, there will be new buttons for you to decide which regrouping method you would like to show.

Hide	Hide	Hide

Formal Multiplication



Long Multiplication

429 The 2000 has not been added to the 28 000. 5 × 7 = 35 X The 10 000 from 13 000 has not been added to 2)6 the 100 000. Note if the 28 064 was 30 064, there would be no regrouped 10 000. 55 The answer is 115 965 Hide Answers

Missing Numbers

Calculate the missing number using formal methods.



Write some missing number multiplication calculations for a partner to solve.



Missing Numbers

Complete these calculations:

<u>3</u>	16 <u>7</u>	7 <u>2</u> 05	<u>6</u> 6 <u>1</u> 4
×	13	× <u>2</u> 9	× 7 <u>3</u>
9	<u>5</u> 01	64845	19 <mark>8</mark> 42
3 <u>1</u> 0	670	<u>1</u> 44100	4629 <mark>8</mark> 0
41	171	208945	482822



Write some missing number long multiplication calculations for a partner to solve.

Missing Numbers

2364	4368	1368	9366
<u>× 4</u>	<u>× 2</u>	<u>× 2</u>	<u>× 1</u>
9456	<u> 8736</u>	2736	9366
1364	3368	1361	This can be
<u>× 4</u>	<u>× 2</u>	<u>× 6</u>	any number of
<u>5456</u>	6736	8166	more.



Write a missing number multiplication calculation with several solutions for a partner to solve.

