The 3, 6 and 9 Times-tables

1a. Pencils are sold in packs of 6. Harriet buys 3 packs of pencils. Write the fact family to show how many pencils Harriet has.

VF

1b. Cookies are sold in 3s. Danish buys 7 lots of cookies. Write the fact family to show how many cookies Danish has.

VF

2a. Complete the statements using the comparison symbols <, > or =.

A. 6 x 3 ☐ 3 x 6 ☐ 9 x 2

B. 9 x 6 ☐ 3 x 3 ☐ 1 x 9

C. 3 x 9 ☐ 9 x 3 ☐ 7 x 6

VF

2b. Complete the statements using the comparison symbols <, > or =.

A. 8 x 9 ☐ 12 x 6 ☐ 11 x 3

B. 12 x 3 ☐ 4 x 9 ☐ 6 x 6

C. 2 x 6 ☐ 6 x 3 ☐ 2 x 9

VF

3a. Complete the bar model.

3	3	3					
6		6					

Use the bar model to show the link between the 3 and 6 times table.

____ x 3 = ____ x 6

VF

3b. Complete the bar model.

9	9	9					
6	6	6	6								

Use the bar model to show the link between the 6 and 9 times tables.

____ x 9 = ____ x 6

VF

The 3, 6 and 9 Times-tables

1a. 3 x 6 = 18, 6 x 3 = 18, 18 ÷ 6 = 3, 18 ÷ 3 = 6

1b. 7 x 3 = 21, 3 x 7 = 21, 21 ÷ 7 = 3, 21 ÷ 3 = 7

2a.

A. 6 x 3 [=] 3 x 6 [=] 9 x 2

B. 9 x 6 [>] 3 x 3 [=] 1 x 9

C. 3 x 9 [=] 9 x 3 [<] 7 x 6

2b.

A. 8 x 9 [=] 12 x 6 [>] 11 x 3

B. 12 x 3 [=] 4 x 9 [=] 6 x 6

C. 2 x 6 [<] 6 x 3 [=] 2 x 9

3a. Completed bar model with 3s in the top row and 6s in the bottom row. Various answers, for example: 6 x 3 = 3 x 6

3b. Completed bar model with 9s in the top row and 6s in the bottom row. Various answers, for example: 8 x 9 = 12 x 6