

SATs Survival Year 6 Easter Maths

Multiplication and Division

1. Solve these multiplication calculations using mental methods.



$$35 \times 100$$



$$432 \times 1000$$



$$328\ 217 \times 10$$

2. Solve these division calculations using mental methods.

$$870 \div 10$$



$$267\ 500 \div 100$$



$$5286 \div 1000$$



3. Multiply the numbers on the eggs using a written method.

$$8292 \times$$



5



$$6198 \times$$



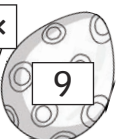
7



$$4955 \times$$



9



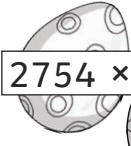
$$7382 \times$$



24



$$2754 \times$$



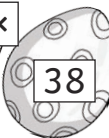
57



$$3693 \times$$



38



4. Divide these numbers using written methods.

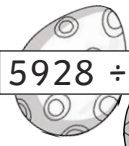
$$4182 \div$$



6



$$5928 \div$$



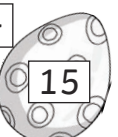
8



$$4035 \div$$



15



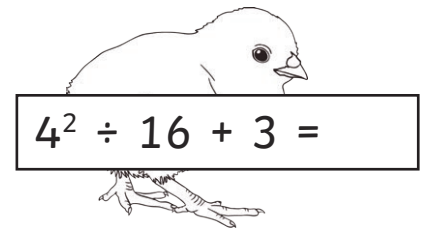
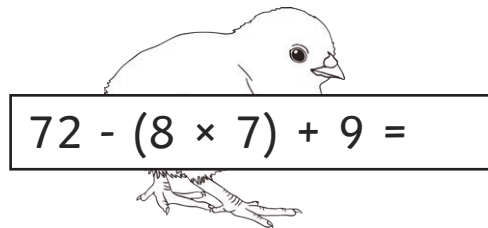
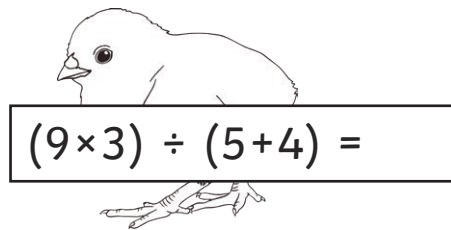
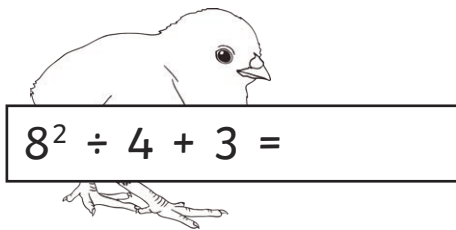
SATs Survival Year 6 Easter Maths

Multiplication and Division

5. Write the common factors of the numbers on the hot cross buns.



6. Solve the calculations on the chicks using the order of operations.



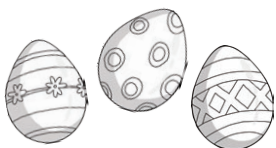
Problem Solving Challenge:

The Easter Bunny has between 210 to 240 eggs in his basket.

When he counts them in sevens, there are two left over.

When he counts them in threes, there is one left over.

How many eggs are in his basket?



SATs Survival Year 6 Easter Maths **Answers**

Multiplication and Division

1. Solve these multiplication calculations using mental methods.

$35 \times 100 = \mathbf{3500}$

$432 \times 1000 = \mathbf{432\ 000}$

$328\ 217 \times 10 = \mathbf{3\ 282\ 170}$

2. Solve these division calculations using mental methods.

$870 \div 10 = \mathbf{87}$

$267\ 500 \div 100 = \mathbf{2675}$

$5286 \div 1000 = \mathbf{5.286}$

3. Multiply the numbers on the eggs using a written method.

			8	2	9	2
x						5
<hr/>						
		4	1	4	6	0
<hr/>						
			1	4	1	

			6	1	9	8
x						7
<hr/>						
		4	3	3	8	6
<hr/>						
			1	6	5	

			4	9	5	5
x						9
<hr/>						
		4	4	5	9	5
<hr/>						
			8	4	4	

			1	7	3	8	
			7	3	8	2	
x						2	4
<hr/>							
		2	9	5	2	8	
	1	4	7	6	4	0	
<hr/>							
	1	7	7	1	6	8	
<hr/>							
		1	1				

		3	2	2	7	5	
			2	7	5	4	
x						5	7
<hr/>							
		1	9	2	7	8	
	1	3	7	7	0	0	
<hr/>							
	1	5	6	9	7	8	
<hr/>							
		1					

		2	2	7	7	9	
			3	6	9	3	
x						3	8
<hr/>							
		2	9	5	4	4	
	1	1	0	7	9	0	
<hr/>							
	1	4	0	3	3	4	
<hr/>							
		1	1	1			

4. Divide these numbers using written methods.

	0	6	9	7	
6		4	⁴ 1	⁵ 8	⁴ 2

	0	7	4	1	
8		5	⁵ 9	³ 2	8

		0	2	6	9	
1	5		4	0	3	5
	-		3	0		
			1	0	3	
			-	9	0	
				1	3	5
			-	1	3	5
				0	0	0

SATs Survival Year 6 Easter Maths Answers

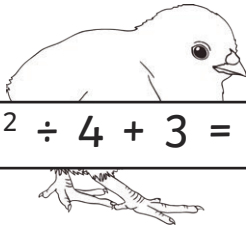
Multiplication

5. Write the common factors of the numbers on the hot cross buns.

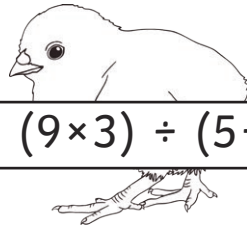


Answer: **1, 2, 3 and 6**

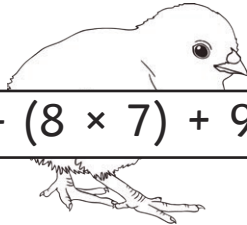
6. Solve the calculations on the chicks using the order of operations.



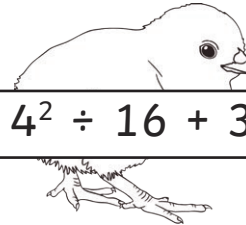
$$8^2 \div 4 + 3 = 19$$



$$(9 \times 3) \div (5 + 4) = 3$$



$$72 - (8 \times 7) + 9 = 25$$



$$4^2 \div 16 + 3 = 4$$

Problem Solving Challenge:

The Easter Bunny has between 210 to 240 eggs in his basket.

When he counts them in sevens, there are two left over.

When he counts them in threes, there is one left over.

How many eggs are in his basket?

226 eggs