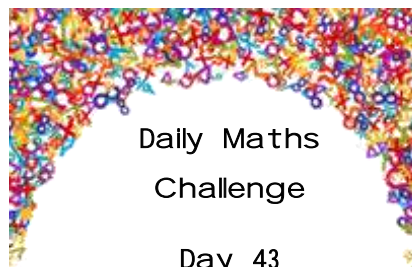# ANSWERS

Maths Focus: multiplication and division; inverse operations; place value and mathematical thinking

Helpful Hints: use your knowledge of place value to help you with the more challenging unknowns; for example, if 3 x 2 = 6 then 3 x 20 = 60

Level 1	Level 2	Level 3
Emma is trying to solve a 'cross multiplication' puzzle where there are multiplication calculations both across and down.	Emma is trying to solve a 'cross multiplication' puzzle where there are multiplication calculations both across and down	Emma is trying to solve a 'cross multiplication' puzzle where there are multiplication calculations both across and down

Level 1

2	x	5	=	**10**
x		x		
3	x	10	=	**30**
=		=		
6		**50**		

1. What numbers go in the missing boxes?

Level 2

4	x	8	=	**32**
x		x		
3	x	**7**	=	21
=		=		
12		56		

1. What numbers go in the missing boxes?

Level 3

9	x	**90**	=	810
x		x		
60	x	5	=	**300**
=		=		
540		**450**		

1. What numbers go in the missing boxes?