

Maths Workout - Algebra & Problem Solving

Topic 12 - Problems & Puzzles 1				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Solve a space-filling problem: Pentominoes</i>	<i>Solve a matchstick puzzle</i>	<i>Play Solitaire Play Lights Out Solve an anagram-style number puzzle</i>	<i>Play Noughts & Crosses Solve the frog puzzle Solve the Queens problem Play 4-in-a-Row</i>	<i>Solve a logic problem: Guess the Pegs</i>
1. Solve a pentomino problem on a 3 x 10 board	1. Solve a matchstick puzzle	1. Solve the Solitaire puzzle	1. Play Noughts & Crosses with a partner or against the computer	1. Solve a peg colour problem: 3 pegs & 6 colours
2. Solve a pentomino problem on a 3 x 10 board	2. Solve a matchstick puzzle	2. Play lights out 3x3	2. Solve the frog puzzle with 3 frogs each side	2. Solve a peg colour problem: 3 pegs & 8 colours
3. Solve the pentomino problem on a 3 x 10 board	3. Solve a matchstick puzzle	3. Play lights out 4x4	3. Solve the frog puzzle with 4 frogs each side	3. Solve a peg colour problem: 4 pegs & 6 colours
4. Solve the pentomino problem on a 3 x 10 board	4. Solve a matchstick puzzle	4. Play lights out 5x5	4. Solve the frog puzzle with 5 frogs each side	4. Solve a peg colour problem: 4 pegs & 8 colours
5. Solve the pentomino problem on a 3 x 10 board	5. Solve a matchstick puzzle	5. Play lights out 6x6	5. Solve the frog puzzle with from 1 to 5 frogs each side	5. Solve a peg colour problem: 5 pegs & 4 colours
6. Solve a pentomino problem on a 3 x 10 board	6. Solve a matchstick puzzle	6. Play lights out 7x7	6. Solve the 'Queens' chess puzzle 4x4	6. Solve a peg colour problem: 5 pegs & 6 colours
7. Solve the pentomino problem on a 3 x 10 board	7. Solve a matchstick puzzle	7. Speed Response: Solve an anagram-style number puzzle: 4 Letters	7. Solve the 'Queens' chess puzzle 5x5	7. Solve a peg colour problem: 5 pegs & 8 colours
8. Solve the pentomino problem on a 3 x 10 board	8. Solve a matchstick puzzle	8. Speed Response: Solve an anagram-style number puzzle: 5 Letters	8. Solve the 'Queens' chess puzzle 6x6	8. Solve a peg colour problem: 6 pegs & 4 colours
9. Solve the pentomino problem on a 3 x 10 board	9. Solve a matchstick puzzle	9. Speed Response: Solve an anagram-style number puzzle: 6 Letters	9. Solve the 'Queens' chess puzzle 7x7	
10. Solve the pentomino problem on a 3 x 10 board	10. Solve a matchstick puzzle		10. Solve the 'Queens' chess puzzle 8x8	
			11. Play 4-in-a-Row with a partner. One go each	
			12. Play 4-in-a-Row with a partner. First person has one go, then 2 goes each	