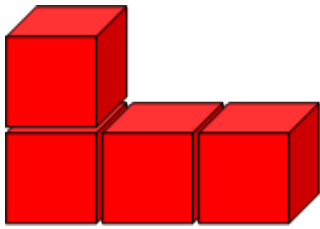
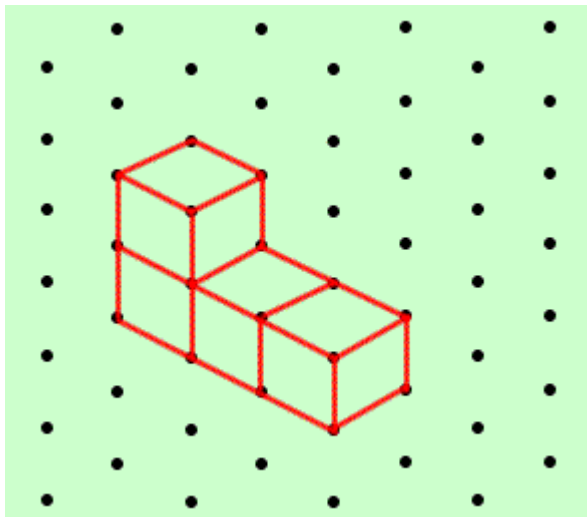


Maths Investigation: The Third Dimension

Here are four cubes joined together:



We can draw this arrangement of cubes on dotty paper (isometric paper) which gives us a way of drawing 3D objects more easily:



How many other arrangements of four cubes can you find?

Can you draw them on dotty paper? It's more difficult than it looks!

Daily Arithmetic Practise

Monday

$142 + 4521$

$2546 - 100$

$164 = 75 + \underline{\quad}$

$79 - \underline{\quad} = 34$

$30 \times 70 =$

Tuesday

$\frac{2}{12} + \frac{9}{12} =$

$5.7 \div 100 =$

$7^2 =$

$0.6 + 0.4 =$

$136 \times 2 =$

Wednesday

$2924 \div 4 =$

$0.07 - 0.04 =$

$5\frac{3}{10} - 3\frac{2}{5} =$

$364 \div 14 =$

$357 \div 21 =$

Thursday

$\frac{9}{10} - \frac{3}{5} =$

$9.8 \times 7.9 =$

$913,981 - 148,400 =$

$88,014 + 63,542 =$

$18 - 0.8 =$

Friday

$34 \times 674 =$

$\frac{1}{2} \times 9 =$

$25\% \times 78 =$

$(10 + 8) \times 11 - 5 =$

$20\% \text{ of } 240 =$