The '0 to 9' cards

These are for playing the 'Make it More' game (see page 3). They can also be used to make numbers to help pupils to understand that, for example, 836 is greater than 386 and 638, etc.

The Number Builders

Make one or more copies of the three sheets and cut into separate cards. Numbers can then be built up as shown below in *Figure 1*.
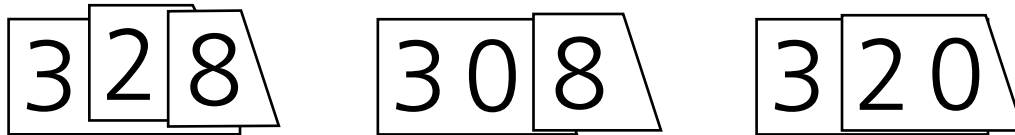

Figure 1

The number builders are used in conjunction with Worksheets 16 and 17.

Dodecahedron dice

This are quite difficult and time consuming to make but the result is reasonably robust. Copy onto thin card and cut out both pieces. Score all lines with an old biro or scissor point. Fold inwards along fold lines. Make up each cup separately first. Stick each cup together to make a ball-like shape with glue or paste (Copydex is ideal). Each join should be held until it is dry.
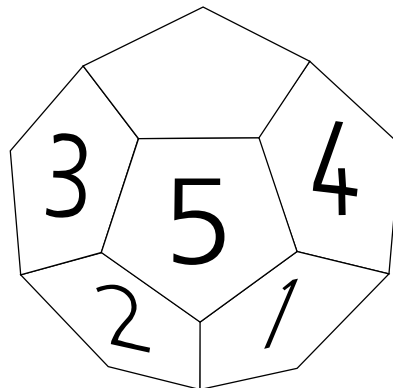

Figure 2

Dodecahedron dice are used for exchange games. In use the blank faces can mean 'miss a turn' or they can have a number added before being made up.

Adding one, ten and a hundred

Name: _____

Make these numbers with your blocks: 125, 432, 237.

Make these numbers and then change them into the number at the end of the arrow.

125 ⟶ 126   432 ⟶ 433   237 ⟶ 238

What did you have to add? _____

125 ⟶ 135   432 ⟶ 442   237 ⟶ 247

What did you have to add? _____

125 ⟶ 225   432 ⟶ 532   237 ⟶ 337

What did you have to add? _____

Add 10 to these numbers. Put your answers at the end of the arrows.

267 _add 10 makes_⟶   141 _add 10 makes_⟶   358 _add 10 makes_⟶   263 _add 10 makes_⟶

Add 100 to these numbers. Put your answers at the end of the arrows.

267 _add 100 makes_⟶   141 _add 100 makes_⟶   358 _add 100 makes_⟶   263 _add 100 makes_⟶

267 _add 100 makes_⟶   141 _add 100 makes_⟶   358 _add 100 makes_⟶   263 _add 100 makes_⟶

Building up numbers 2

Name: _____

Build up these numbers. Then complete the boxes and the additions. The first one has been done for you.

258 $\boxed{200}$ $\boxed{50}$ $\boxed{8}$ 258 = 200 + 50 + 8

420 $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ 420 = __00 + ____0 + _____

107 $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ 107 = __00 + ____0 + _____

342 $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ 342 = ____ + ____ + _____

208 $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ 208 = ____ + ____ + _____

three hundred and fifty-nine $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ 359 = ____ + ____ + _____

two hundred and thirty $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ ____ = ____ + ____ + _____

one hundred and nine $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ ____ = ____ + ____ + _____

four hundred and one $\boxed{0\,0}$ $\boxed{0}$ $\boxed{}$ ____ = ____ + ____ + _____

Nearest ten and nearest hundred

Name: _____

Join each balloon to its 'nearest 10' box.

40	0	60	10

57
36
94
3
64
12
41
47
90 87 50
69
28
84
17 79 32

70	20	80	30

Join each fish to the 'nearest 100' fishing rod.

672
490
31
206 609
600
932 297
789
700
500
0
84
200
900 400
438
100 800 300

Fill in these boxes.

	nearest 10
73	
89	
8	

	nearest 10
38	
28	
16	

	nearest 100
408	
730	
94	

	nearest 100
883	
572	
195	