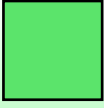







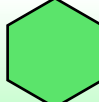



Name: _____ Date: _____

Work out the **value** of each of these shapes from the number sentence clues.

				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

$$65 + \square = 184$$

$$\text{pentagon} - 37 = 128$$

$$185 + 56 = \text{star}$$

$$49 + \text{rectangle} = 135$$

$$97 - \text{triangle} = 52$$

$$\text{circle} - 71 = 83$$

$$87 + \text{octagon} = 139$$

$$\square + \text{vertical rectangle} = 187$$

$$\text{star} - \text{hexagon} = 170$$

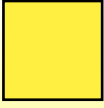





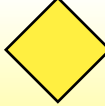



$$\text{circle} - \text{diamond} = 72$$



Use this space to help you do your working out!

Name: _____ Date: _____

Work out the **value** of each of these shapes from the number sentence clues.

				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

$$\square + 45 = 127$$

$$76 + \bigcirc + 15 = 144$$

$$176 - \text{pentagon} = 112$$

$$\square + \star = 214$$

$$114 + \text{octagon} + 65 = 256$$

$$281 - \bigcirc = \text{diamond}$$

$$235 - \text{rectangle} = \star$$

$$\text{pentagon} + \text{rectangle} = \text{hexagon}$$

$$158 - \text{vertical rectangle} - 36 = 81$$

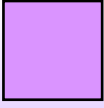
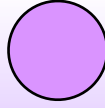




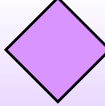
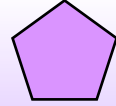
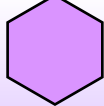
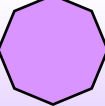
$$176 - 35 - \text{triangle} = 113$$



Use this space to help your do you working out!

Name: _____ Date: _____

Work out the **value** of each of these shapes from the number sentence clues.

				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

$$132 + 78 + \square = 305$$

$$465 - 72 - \triangle = 248$$

$$316 + \star + 165 = 768$$

$$657 + \square + \text{pentagon} = 993$$

$$\star - \triangle - \square = 103$$

$$428 + \text{hexagon} + 219 = 822$$

$$737 - \text{circle} + \triangle = 526$$

$$447 + \text{diamond} - 355 = \star$$

$$\text{vertical rectangle} + \text{rectangle} + \text{diamond} = 657$$

$$\text{hexagon} - \text{vertical rectangle} + 561 = 785$$



Use this space to help your do you working out!

Can you crack the code to translate your code words?

Use the Calculation Cards to work out the value of each letter, then use your code to translate your Code Word cards. Each set of code words has a theme BUT there is one odd word out in each set!

Can you identify what it is?



A	B	C	D	E	F	G
H	I	J	K	L	M	N
O	P	Q	R	S	T	U
V	W	X	Y	Z		

$$\mathbf{A} + 67 = 152$$

$$341 - \mathbf{B} = 217$$

$$\mathbf{C} + 55 = 94$$

$$132 + \mathbf{D} = 216$$

$$\mathbf{E} - 47 = 15$$

$$75 + \mathbf{F} = 146$$

$$\mathbf{G} - 62 = 93$$

$$105 - 62 = \mathbf{H}$$

$$134 + \mathbf{I} = 163$$

$$\mathbf{J} - 51 = 66$$

$$72 + \mathbf{K} = 131$$

$$116 - 29 = \mathbf{L}$$

$$51 + 42 = \mathbf{M}$$

$$\mathbf{N} - 23 = 81$$

$$156 + \mathbf{O} = 181$$

$$56 + \mathbf{P} = 188$$

$$\mathbf{Q} - 38 = 103$$

$$\mathbf{R} + 44 = 119$$

$$126 + \mathbf{S} = 161$$

$$26 + \mathbf{T} = 124$$

$$145 + \mathbf{U} = 191$$

$$116 - 62 = \mathbf{V}$$

$$\mathbf{W} - 59 = 108$$

$$51 + \mathbf{X} = 119$$

$$165 + \mathbf{Y} = 182$$

$$\mathbf{Z} - 51 = 72$$

CODE WORDS 4A: Set 1

87	25	104	84	25	104

132	85	75	29	35

123	62	124	75	85

124	62	75	87	29	104

84	46	124	87	29	104

75	25	93	62

CODE WORDS 4A: Set 2

84	85	29	35	17

132	25	132	132	17

84	85	71	71	25	84	29	87

75	25	35	62

155	29	75	85	71	71	62

98	46	87	29	132

CODE WORDS 4A: Set 3

25	85	59

87	29	25	104

132	29	104	62

85	132	132	87	62

124	29	75	39	43

167	29	87	87	25	167

Can you crack the code to translate your code words?

Use the Calculation Cards to work out the value of each letter, then use your code to translate your Code Word cards. Each set of code words has a theme BUT there is one odd word out in each set!

Can you identify what it is?



A	B	C	D	E	F	G
H	I	J	K	L	M	N
O	P	Q	R	S	T	U
V	W	X	Y	Z		

$$\mathbf{A} + 78 + 54 = 297$$

$$\mathbf{B} - 32 - 81 = 101$$

$$143 + \mathbf{C} + 78 = 308$$

$$235 + 92 + \mathbf{D} = 386$$

$$\mathbf{E} - 45 - 103 = 40$$

$$595 - \mathbf{F} = 330$$

$$642 + \mathbf{G} = 769$$

$$\mathbf{H} + 261 + 93 = 591$$

$$\mathbf{I} - 67 - 45 = 207$$

$$612 + 84 + \mathbf{J} = 791$$

$$\mathbf{K} + 75 - 27 = 191$$

$$84 + \mathbf{L} + 96 = 292$$

$$\mathbf{M} - 142 - 71 = 67$$

$$\mathbf{N} - 277 + 37 = 172$$

$$365 + \mathbf{O} + 28 = 468$$

$$687 - \mathbf{P} = 515$$

$$\mathbf{Q} - 389 = 125$$

$$61 + \mathbf{R} + 96 = 637$$

$$873 - \mathbf{S} = 418$$

$$\mathbf{T} + 72 + 165 = 346$$

$$433 - 91 - \mathbf{U} = 279$$

$$65 + 148 + 179 = \mathbf{V}$$

$$\mathbf{W} - 462 = 66$$

$$41 + \mathbf{X} + 217 = 414$$

$$796 - 747 = \mathbf{Y}$$

$$\mathbf{Z} + 69 - 55 = 241$$

CODE WORDS 4B: Set 1

214	63	112	112	59	75	127

172	75	75	59	112	188

214	75	156	188	480

528	319	112	59	188	214	188	188	455	109

127	480	188	49	237	75	63	412	59

112	165	214	480	165	59	75	480

CODE WORDS 4B: Set 2

188	63	480	75	172	188

165	265	480	319	87	165

165	455	319	165

165	63	455	109	480	165	112	319	165

528	165	480	109	237	75	127

165	412	109	165	480	87	109	319	87	165

CODE WORDS 4B: Set 3

455	172	165	127	237	188	109	109	319

480	237	319	412	75	87	188	480	75	455

480	165	392	319	75	112	319

280	165	87	165	480	75	412	319

172	188	412	412	188

112	165	455	165	127	412	188

Can you crack the code to translate your code words?

Use the Calculation Cards to work out the value of each letter, then use your code to translate your Code Word cards. Each set of code words has a theme BUT there is one odd word out in each set!

Can you identify what it is?



A	B	C	D	E	F	G
H	I	J	K	L	M	N
O	P	Q	R	S	T	U
V	W	X	Y	Z		

$$\mathbf{A} - 156 - 209 = 397$$

$$132 + 181 + 85 = \mathbf{B}$$

$$432 + \mathbf{C} + 216 = 814$$

$$952 - \mathbf{D} - 668 = 77$$

$$234 + \mathbf{E} + 367 = 680$$

$$\mathbf{F} + 534 + 175 = 891$$

$$\mathbf{G} - 232 - 54 = 367$$

$$\mathbf{H} - 121 - 292 = 138$$

$$76 + \mathbf{I} + 113 = 454$$

$$\mathbf{J} + 823 - 496 = 433$$

$$724 - 352 - 318 = \mathbf{K}$$

$$\mathbf{L} - 351 - 65 = 446$$

$$285 + 234 = \mathbf{M}$$

$$591 - 184 + 447 = \mathbf{N}$$

$$\mathbf{O} - 613 - 75 = 233$$

$$132 + \mathbf{P} + 86 = 363$$

$$817 + 148 - \mathbf{Q} = 244$$

$$561 - 362 + \mathbf{R} = 742$$

$$92 + \mathbf{S} + 156 = 634$$

$$86 + 271 + \mathbf{T} = 448$$

$$256 + \mathbf{U} + 192 = 621$$

$$\mathbf{V} - 138 - 53 = 503$$

$$865 - 208 - 465 = \mathbf{W}$$

$$214 + 93 + \mathbf{X} = 887$$

$$114 + \mathbf{Y} + 465 = 828$$

$$\mathbf{Z} - 176 - 85 = 207$$

CODE WORDS 4C: Set 1

192	265	854	854	265	79

91	551	79

145	921	921	551

166	551	762	543	862	265	79

398	173	166	54	79	91

551	79	543	519	265	921	854	79

653	543	762	854	653	79	543

762	182	543	265	166	762	854

79	862	79	145	551	762	854	91

386	551	79	543	862	921	166	54

551	921	862	519	79	386

91	543	762	166	249

398	79	762	54	79	543

CODE WORDS 4C: Set 2

862	79	921	145	762	543	207

762	862	182	762	543	921	519	79	921

694	921	862	54	386	192	762	653	79	854

106	79	79	145

145	921	543	386	166	551	79

862	762	854	207	543	921	694	79	543

CODE WORDS 4C: Set 2

519	762	207	762	653	762	386	166	762	543

551	265	145	145	921	145	921	91	762	519	173	386

762	543	653	79	854	91	265	854	762

398	762	854	653	862	762	207	79	386	551

386	192	265	91	468	79	543	862	762	854	207

762	173	386	91	543	762	862	265	762