



MATHEMATICS



N.S. Yr. 3 P.3

**Count reliably a set of objects.
Count on and back in steps of one.**

Equipment

Paper, pencil, ruler

MathSphere

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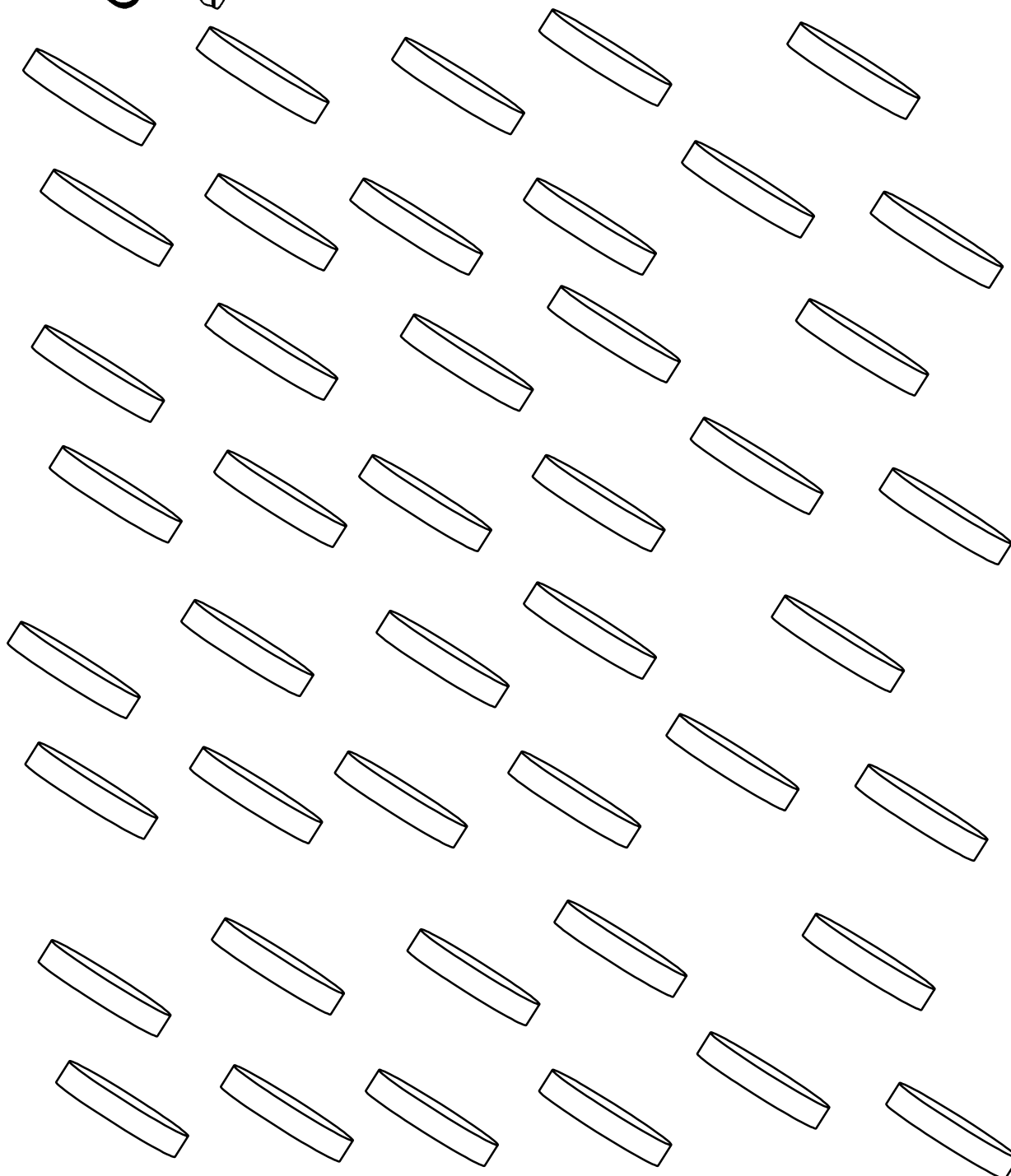
Concepts

Counting on and back will still be important in year 3, using up to three digit numbers. Grouping into tens or fives and using tally charts are both effective ways of counting larger numbers.

Blank sheets are available at the end of the module for you to add your own examples - the children can even set each other questions!

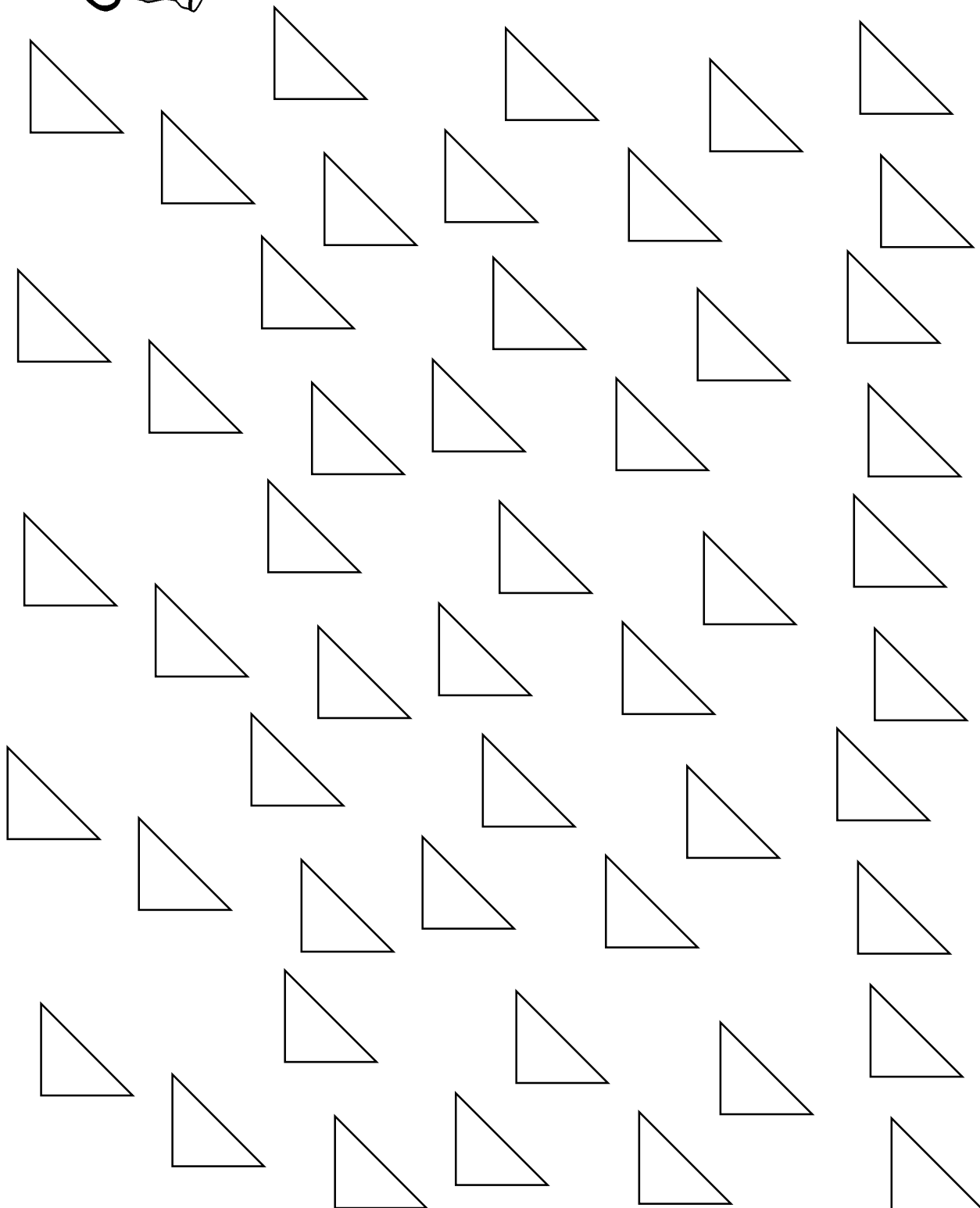


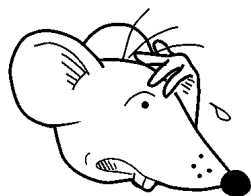
Group these into tens or fives when counting them up. A good idea to put a ring round each set of ten.



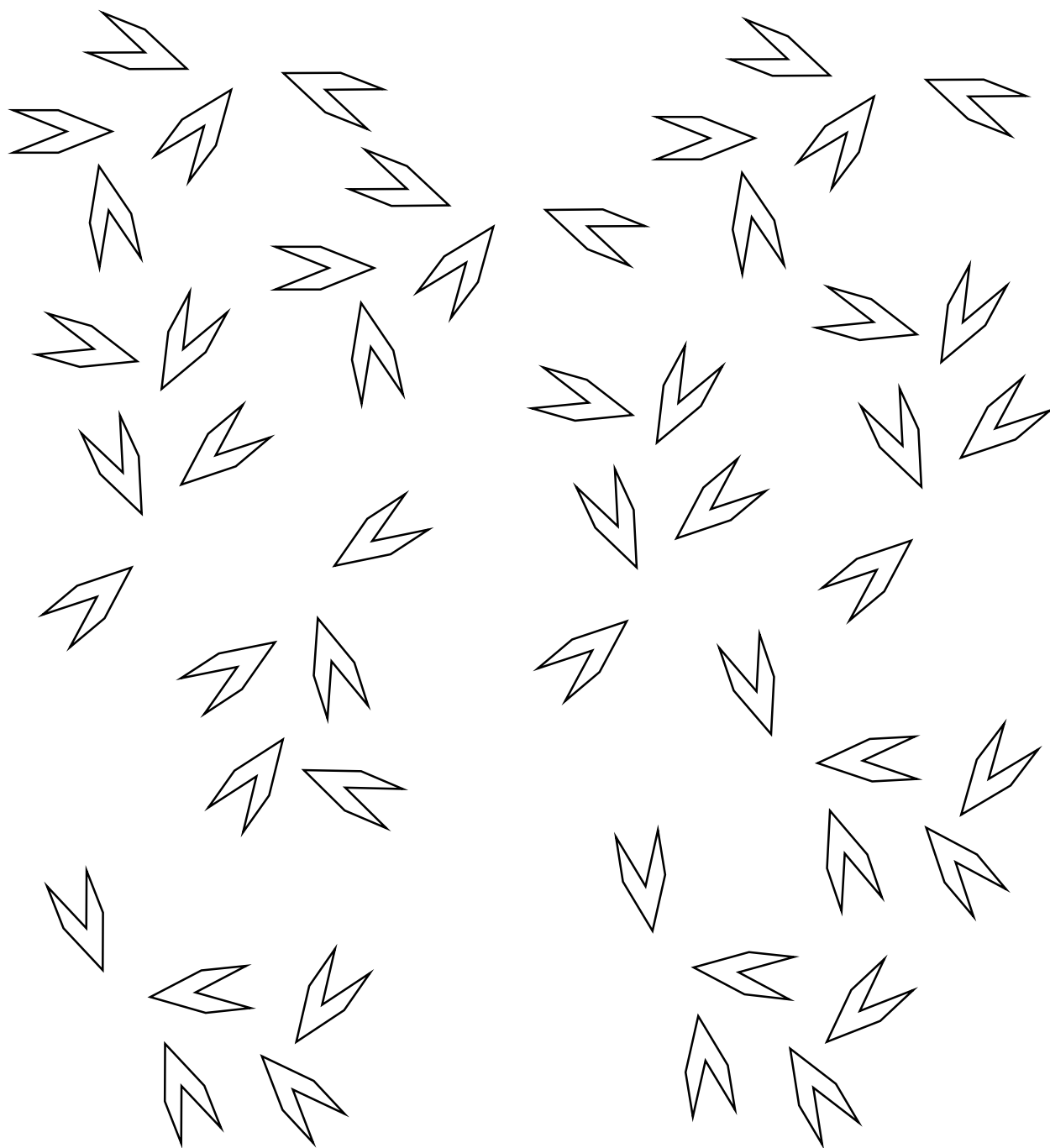


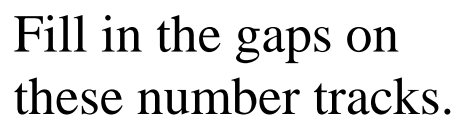
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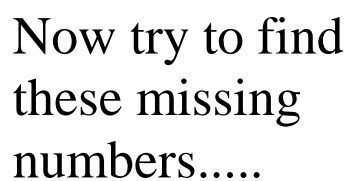




These arrows are difficult to count
because they are all going in
different directions.
Try grouping them into fives.



[illegible]

[illegible]



Now try filling these number tracks. They are all going up the page, not across!

[illegible]



Now try filling these number tracks. Notice the tracks start at the bottom and go up!

94
93
92

106
105

189
188

144
143
142

198
197

Count on.



1. Count on 6 from 143

2. Count on 8 from 132

3. Count on 7 from 143

4. Count on 11 from 170

5. Count on 9 from 111

6. Count on 12 from 123

7. Count on 8 from 135

Now try counting on
from these
numbers!!



1. Count on 7 from 133

2. Count on 9 from 144

3. Count on 11 from 155

4. Count on 13 from 166

5. Count on 8 from 177

6. Count on 9 from 188

7. Count on 8 from 129

These are a bit
harder!
Count on.



1. Count on 12 from 108

2. Count on 11 from 117

3. Count on 13 from 129

4. Count on 15 from 136

5. Count on 17 from 145

6. Count on 18 from 154

7. Count on 14 from 169

This page is all about
counting back.



1. Count back 5 from 109

2. Count back 7 from 128

3. Count back 6 from 107

4. Count back 8 from 138

5. Count back 4 from 141

6. Count back 9 from 152

7. Count back 7 from 163

Keep counting
back.....



1. Count back 6 from 112

2. Count back 8 from 123

3. Count back 7 from 114

4. Count back 9 from 127

5. Count back 5 from 133

6. Count back 10 from 140

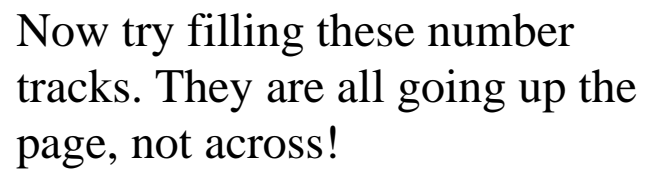
7. Count back 8 from 135

Answers

Page 3 44 discs	Page 4 50 triangles	Page 5 50 arrows
Page 6		
132 133 134 135 136 137 138 139 140 141	127 128 129 130 131 132 133 134 135 136	
95 96 97 98 99 100 101 102 103 104	97 98 99 100 101 102 103 104 105 106	
172 173 174 175 176 177 178 179 180 181	97 98 99 100 101 102 103 104 105 106	
191 192 193 194 195 196 197 198 199 200		
Page 7		
119 120 121 122 123 124 125 126 127 128	94 95 96 97 98 99 100 101 102 103	
106 107 108 109 110 111 112 113 114 115	149 150 151 152 153 154 155 156 157 158	
138 139 140 141 142 143 144 145 146 147	92 93 94 95 96 97 98 99 100 101	
291 292 293 294 295 296 297 298 299 300		
Page 8		
125	115	97
124	114	96
123	113	95
122	112	94
121	111	93
120	110	92
119	109	91
118	108	90
117	107	89
116	106	88
115	105	87
114	104	86
113	103	85
112	102	84
111	101	83
Page 9		
97	112	189
96	111	188
95	110	187
94	109	186
93	108	185
92	107	184
91	106	183
90	105	182
89	104	181
88	103	180
87	102	179
86	101	178
85	100	177
84	99	176
83	98	175

Answers

Page 10						
1. 149	2. 140	3. 150	4. 181	5. 120	6. 135	7. 143
Page 11						
1. 140	2. 153	3. 166	4. 179	5. 185	6. 197	7. 137
Page 12						
1. 120	2. 128	3. 142	4. 151	5. 162	6. 172	7. 183
Page 13						
1. 104	2. 121	3. 101	4. 130	5. 137	6. 143	7. 156
Page 14						
1. 106	2. 115	3. 107	4. 118	5. 128	6. 130	7. 127

[illegible]



Fill in the gaps on
these number tracks.

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]