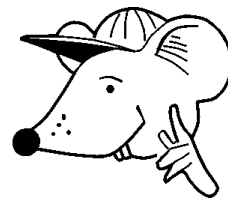




# MATHEMATICS



**N.S. Yr. 3 P.11**

**Comparing and ordering numbers.  
More than, less than.**

## Equipment

Pencil and paper.  
Number line

# MathSphere

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## Concepts

This module is to do with the vocabulary which is used when comparing and ordering numbers.

During years 1 and 2 children were introduced to the vocabulary below, but will still need a lot of re-inforcement on using these terms, especially with larger numbers and the decimals of practical units such as money and weight:

*How many* are there?

Are there *as many as*?

What is *the same number as*?

What is *equal to*?

and:

£3.71 is *more than* £3.25,      126 is *greater than* 105,      203 is *larger than* 149,  
£2.33 is *less than* £2.45,      314 is *fewer than* 420,      315 is *smaller than* 447  
etc.

as well as:

*smallest,*

*largest,*

*most,*

*least*

and when ordering numbers, terms such as:

put in *order*,

what is the *first*,

what is the *last*,

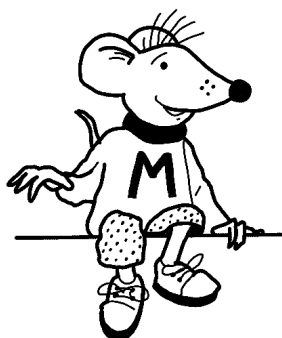
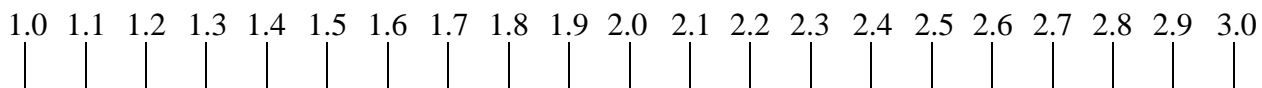
what number comes *before*,      what number comes *after*,      what number comes *next*,

what number comes *between*,      what is *half way between*

Ordinal numbers are those numbers which show position eg first, second, third etc.

Children in year 3 should continue to gain experience of using ordinal numbers at least up to the tenth eg what is the tenth month of the year?

### Numbers in order



Use the number line to help you answer the questions!

**Put a number in the box so that the three numbers are in order:**

1) 1.5  1.7

2) 2.3  2.5

3) 1.0  1.2

4) 1.1  1.3

5) 2.6  2.8

6) 2.5  2.7

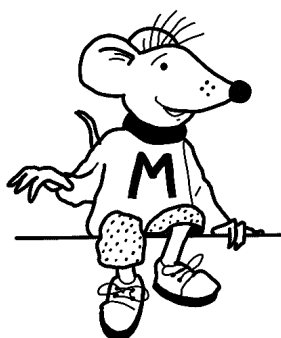
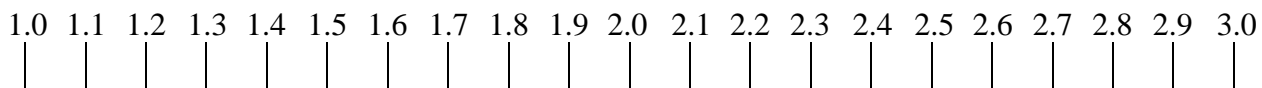
7) 1.6  1.8

8) 1.0  1.4

9) 1.2  1.6

10) 2.2  2.6

### Numbers in order



Use the number line to help you answer the questions!

**Put a number in the box so that the three numbers are in order:**

1) 1.4  1.6

2) 2.2  2.4

3) 2.0  2.2

4) 1.9  2.1

5) 2.7  2.9

6) 1.3  1.5

7) 2.5  2.9

8) 1.8  2.2

9) 1.5  2.0

10) 2.7  3.0

**Largest**



Put a circle round the largest number in these lists:

eg. 21 (79) 14 27 55

1. 47 31 63 39 50

2. 66 20 76 81 17

3. 2.5 km 3.7 km 4.0 km 1.9 km

4. 6.8km 0.9km 4.3 km 5.9 km

5. 136 241 200 412 199

6. 152 238 700 444 187

**Largest**



Put a circle round the largest number in these lists:

eg. 21 (79) 14 27 55

1. 38 22 54 40 61

2. 57 19 65 72 33

3. 2.4 km 3.6 km 2.0 km 0.9 km

4. 5.2 km 0.6 km 1.3 km 3.5 km

5. 144 202 199 351 99

6. 148 277 100 242 239

More

1. Which is **more**: 153p or 149p

2. Which is **more**: 142p or 116p

3. Which is **more**: 109p or 115p

4. Which is **more**: 183p or 208p

5. Which is **more**: 188p or 166p

6. Which is **more**: 101p or 110p

More

1. Which is **more**: £2.55 or £3.05

2. Which is **more**: £3.07 or £3.30

3. Which is **more**: £4.10 or £4.09

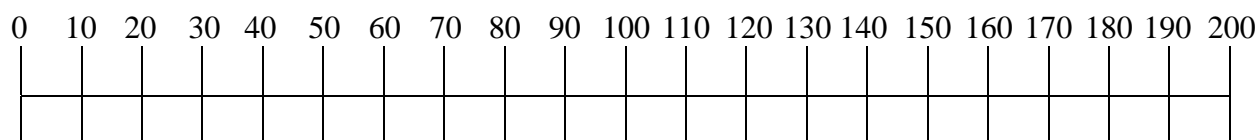
4. Which is **more**: £2.05 or £2.50

5. Which is **more**: £6.60 or £6.06

6. Which is **more**: £7.25 or £6.99

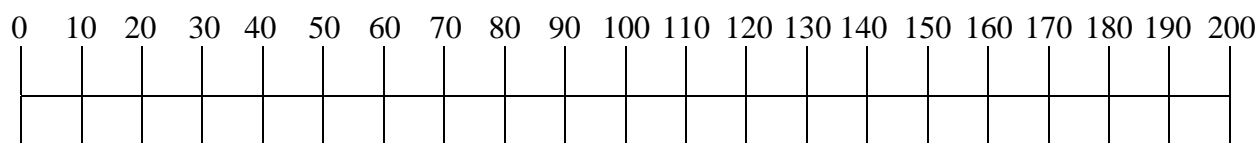


## Half way



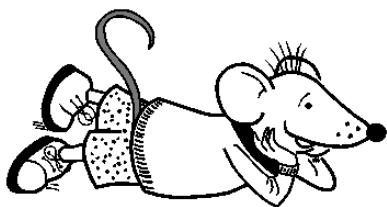
1. What number is half way between 40 and 80 ?
2. What number is half way between 30 and 50 ?
3. What number is half way between 50 and 90 ?
4. What number is half way between 20 and 80 ?
5. What number is half way between 70 and 110 ?
6. What number is half way between 80 and 100 ?
7. What number is half way between 60 and 120 ?
8. What number is half way between 130 and 190 ?
9. What number is half way between 10 and 110 ?
10. What number is half way between 140 and 200 ?

### Half way



1. What number is half way between 20 and 60 ?
2. What number is half way between 10 and 50 ?
3. What number is half way between 70 and 90 ?
4. What number is half way between 40 and 100 ?
5. What number is half way between 90 and 130 ?
6. What number is half way between 60 and 100 ?
7. What number is half way between 40 and 140 ?
8. What number is half way between 110 and 190 ?
9. What number is half way between 10 and 130 ?
10. What number is half way between 100 and 180 ?

Odd and even



Remember, even numbers  
always have **0 2 4 6** or **8** in  
the units.

1. What even numbers lie between 25 and 31 ?

2. What even numbers lie between 13 and 21 ?

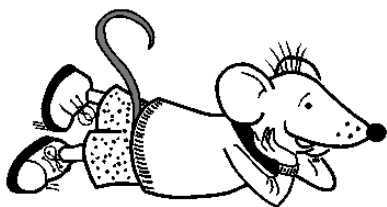
3. What even numbers lie between 31 and 37 ?

4. What even numbers lie between 17 and 23 ?

5. What even numbers lie between 29 and 37 ?



### Odd and even



Remember, even numbers  
always have **0 2 4 6** or **8** in  
the units.

1. What even numbers lie between 14 and 24 ?

2. What even numbers lie between 12 and 20 ?

3. What even numbers lie between 28 and 36 ?

4. What even numbers lie between 18 and 28 ?

5. What even numbers lie between 20 and 30 ?



**Put in order**

Put the numbers in the boxes in order, starting with the smallest.....



1.

15p 21p 7p 25p

2.

32p 5p 26p 31p

3.

34p 67p 1p 40p

4.

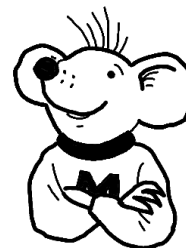
17p 34p 71p 43p

5.

20p 40p 10p 90p

**Put in order**

Put the numbers in the boxes in order, starting with the smallest.....



1.

77p 29p 92p 45p

2.

18p 32p 23p 81p

3.

14p 17p 71p 41p

4.

62p 26p 54p 45p

39p 45p 54p 93p

## Answers

<b>Page 3</b>					
1. 1.6	2. 2.4	3. 1.1	4. 1.2	5. 2.7	
6. 2.6	7. 1.7	8. 1.1, 1.2 or 1.3	9. 1.3, 1.4 or 1.5	10. 2.3, 2.4 or 2.5	
<b>Page 4</b>					
1. 1.5	2. 2.3	3. 2.1	4. 2.0	5. 2.8	6. 1.4
7. 2.6, 2.7 or 2.8	8. 1.9, 2.0 or 2.1	9. 1.6, 1.7, 1.8 or 1.9	10. 2.8 or 2.9		
<b>Page 5</b>					
1. 63	2. 81	3. 4.0 km	4. 6.8 km	5. 412	6. 700
<b>Page 6</b>					
1. 61	2. 72	3. 3.6 km	4. 5.2 km	5. 351	6. 277
<b>Page 7</b>					
1. 153p	2. 142p	3. 115p	4. 208p	5. 188p	6. 110p
<b>Page 8</b>					
1. £3.05	2. £3.30	3. £4.10	4. £2.50	5. £6.60	6. £7.25
<b>Page 9</b>					
1. 60	2. 40	3. 70	4. 50	5. 90	6. 90
7. 90	8. 160	9. 60	10. 170		
<b>Page 10</b>					
1. 40	2. 30	3. 80	4. 70	5. 110	6. 80
7. 90	8. 150	9. 70	10. 140		
<b>Page 11</b>					
1. 26, 28, 30	2. 14, 16, 18, 20	3. 32, 34, 36	4. 18, 20, 22	5. 30, 32, 34, 36	
<b>Page 12</b>					
1. 16, 18, 20, 22	2. 14, 16, 18	3. 30, 32, 34	4. 20, 22, 24, 26	5. 22, 24, 26, 28	
<b>Page 13</b>					
1. 7p, 15p, 21p, 25p	2. 5p, 26p, 31p, 32p	3. 1p, 34p, 40p, 67p			
4. 17p, 34p, 43p, 71p	5. 10p, 20p, 40p, 90p				
<b>Page 14</b>					
1. 29p, 45p, 77p, 92p	2. 18p, 23p, 32p, 81p	3. 14p, 17p, 41p, 71p			
4. 26p, 45p, 54p, 62p	5. 39p, 45p, 54p, 93p				