



MATHEMATICS



N.S. Yr. 3 P.39

Add or subtract multiples of 10/100

Equipment

Paper, pencil, ruler

MathSphere

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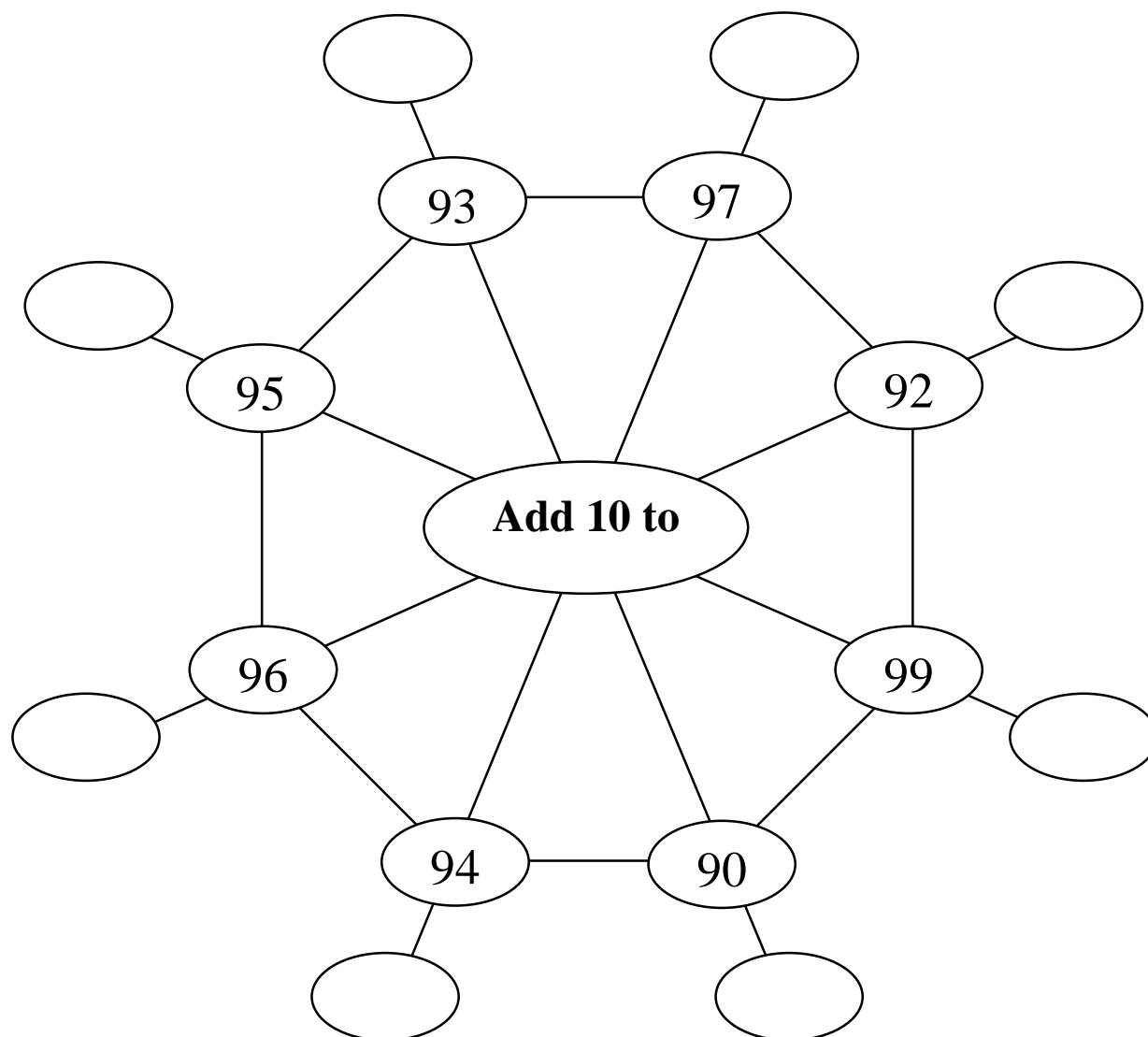
Concepts

In year three the progressively difficult mental addition and subtraction continues.

In this module these steps are:

1. adding 10 to any two digit number with answers going up to and beyond the hundreds
2. subtracting 10 from any two digit number, crossing the hundreds eg $304 - 10$
3. adding a pair of multiples of 10, beyond the hundreds eg $80 + 50$
4. subtracting a pair of multiples of 10, crossing the 100 eg $130 - 60$
5. finding pairs of multiples of 10 that make the next multiple of 100 eg 230 and 70
6. add a multiple of 10 to any two digit number, crossing 100 eg $46 + 70$
7. subtract a multiple of 10 from a three digit number, crossing 100 eg $136 - 40$
8. add a pair of multiples of 100, with answers crossing 1 000
9. subtract a pair of multiples of 100 crossing 1 000 eg $1\ 300 - 500$
10. Add 100 to any three digit number, not crossing 1 000
11. Subtract 100 from any three digit number

All these are extensions of the work covered in year two. If children find them difficult it is strongly recommended that the year two work is re-inforced.

Add ten

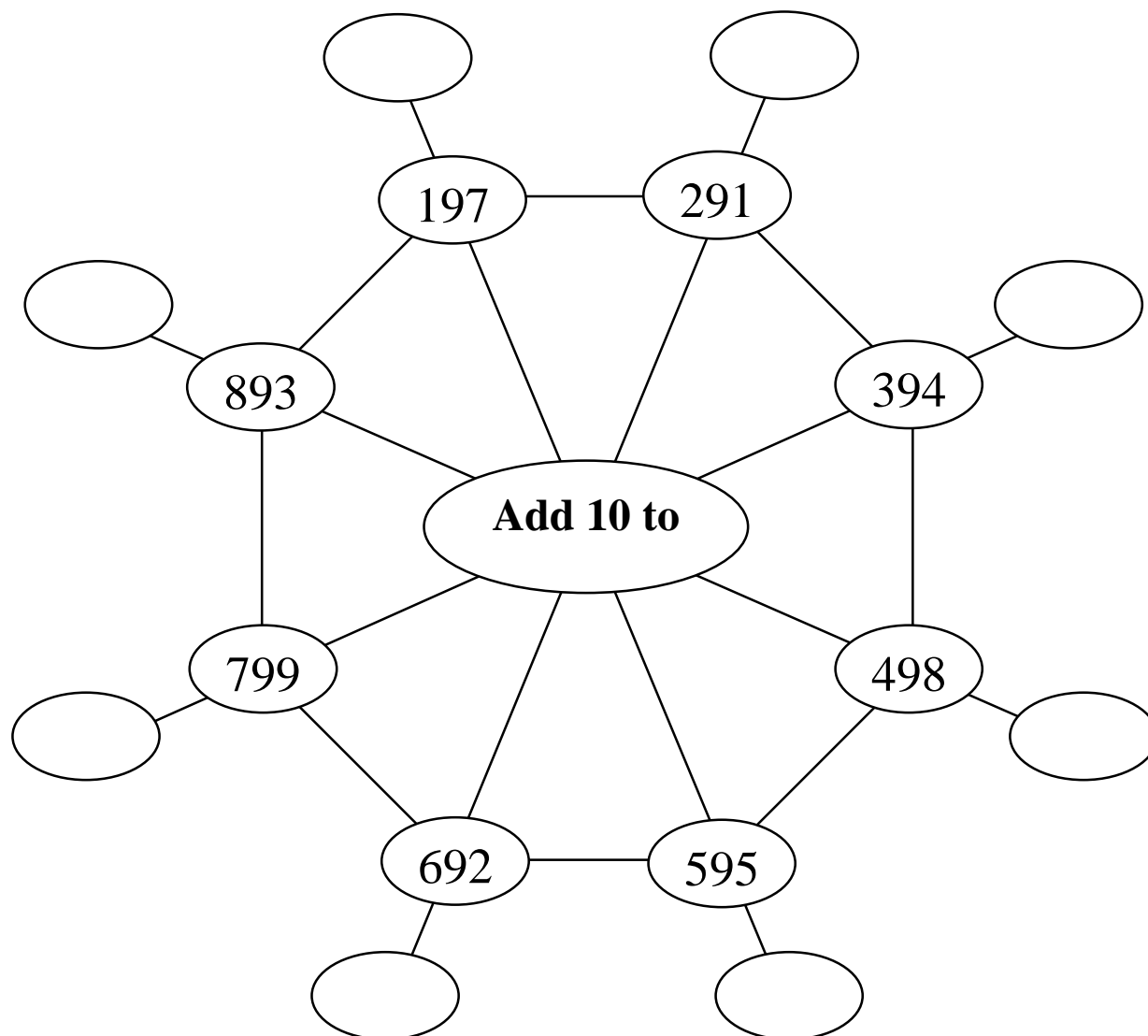
Now try these:

1. $91 + 10 =$

2. $10 + 98 =$

3. $96 + 10 =$

4. $10 + 94 =$

Add ten

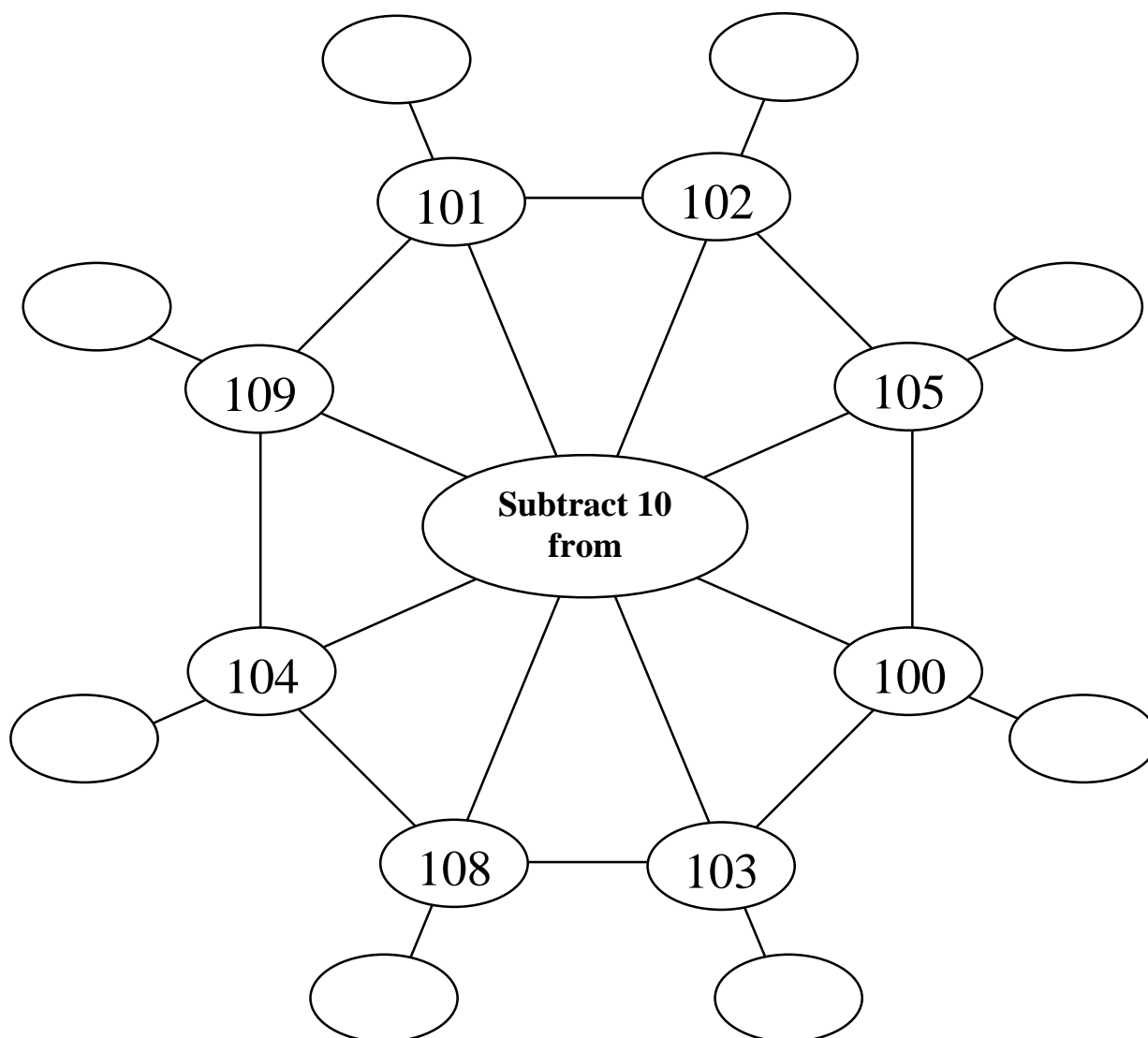
Now try these:

1. $190 + 10 =$

2. $10 + 296 =$

3. $398 + 10 =$

4. $10 + 497 =$

Subtract ten

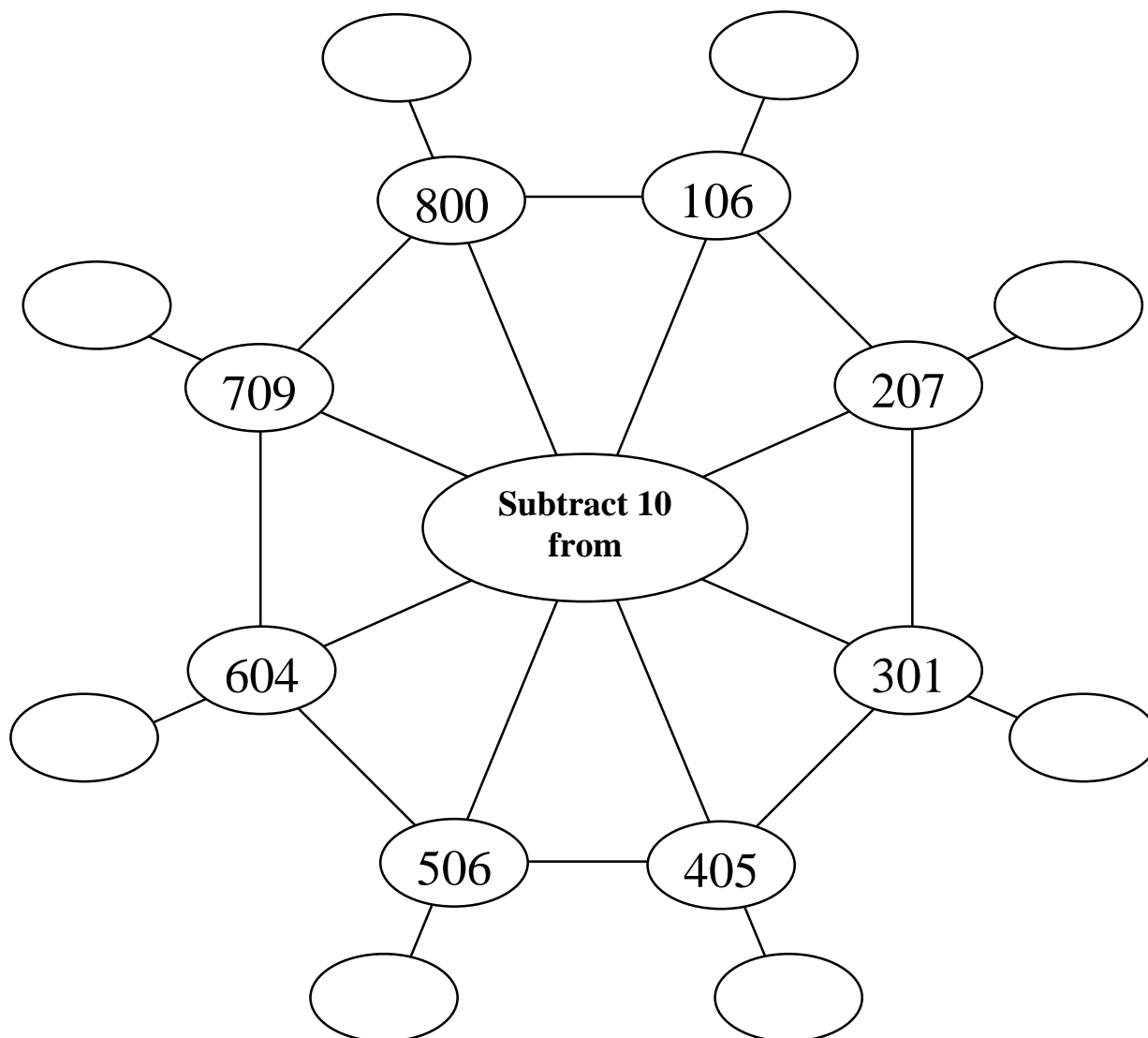
Now try these:

1. $201 - 10 =$

2. $305 - 10 =$

3. $402 - 10 =$

4. $503 - 10 =$

Subtract ten

Now try these:

1. $201 - 10 =$

2. $304 - 10 =$

3. $509 - 10 =$

4. $505 - 10 =$

Adding multiples of ten crossing 100

Take your time with these
– they all come to more
than 100

1. $60 + 50 =$

2. $70 + 60 =$

3. $40 + 90 =$

4. $90 + 40 =$

5. $50 + 70 =$

6. $80 + 60 =$

7. $50 + 90 =$

8. $40 + 70 =$

9. $80 + 80 =$

10. $90 + 20 =$

11. $60 + 70 =$

12. $70 + 40 =$

Adding multiples of ten crossing 100

Now have a go
with these!

1. $20 + 90 =$

2. $40 + 80 =$

3. $50 + 60 =$

4. $70 + 90 =$

5. $80 + 30 =$

6. $90 + 90 =$

7. $50 + 80 =$

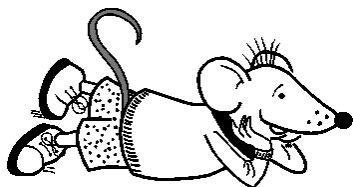
8. $60 + 60 =$

9. $80 + 40 =$

10. $90 + 60 =$

11. $70 + 70 =$

12. $80 + 50 =$

Subtracting multiples of ten crossing 100

You really have to think about these subtraction sums!

1. $110 - 30 =$

2. $120 - 50 =$

3. $130 - 60 =$

4. $140 - 70 =$

5. $150 - 60 =$

6. $160 - 80 =$

7. $170 - 90 =$

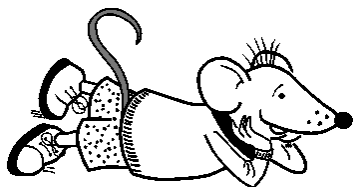
8. $110 - 20 =$

9. $150 - 80 =$

10. $140 - 50 =$

11. $130 - 70 =$

12. $180 - 90 =$

Subtracting multiples of ten crossing 100

Have a try at these – you could time yourself to see how long it takes.

1. $110 - 50 =$

2. $120 - 70 =$

3. $130 - 40 =$

4. $140 - 80 =$

5. $150 - 90 =$

6. $160 - 70 =$

7. $170 - 80 =$

8. $110 - 60 =$

9. $150 - 70 =$

10. $140 - 60 =$

11. $130 - 50 =$

12. $120 - 80 =$

Adding and subtracting multiples of ten

$$1. 70 + \boxed{} = 110 \quad 2. 60 + \boxed{} = 130$$

$$3. \boxed{} - 20 = 90 \quad 4. \boxed{} - 50 = 80$$

$$5. 40 + \boxed{} = 120 \quad 6. 70 + \boxed{} = 150$$

$$7. \boxed{} - 40 = 80 \quad 8. \boxed{} - 70 = 60$$

$$9. 130 - \boxed{} = 80 \quad 10. 140 - \boxed{} = 60$$

Adding and subtracting multiples of ten

1. $80 + \square = 120$ 2. $40 + \square = 110$

3. $\square - 70 = 90$ 4. $\square - 60 = 70$

5. $60 + \square = 120$ 6. $90 + \square = 140$

7. $\square - 30 = 90$ 8. $\square - 80 = 80$

9. $150 - \square = 70$ 10. $120 - \square = 80$

Tricky addition

1. $160 + \text{[octagon]} = 200$

2. $250 + \text{[octagon]} = 300$

3. $\text{[octagon]} + 320 = 400$

4. $\text{[octagon]} + 450 = 500$

5. $560 + \text{[octagon]} = 600$

6. $630 + \text{[octagon]} = 700$

7. $\text{[octagon]} + 80 = 800$

8. $\text{[octagon]} + 70 = 900$

9. $470 + \text{[octagon]} = 500$

10. $570 + \text{[octagon]} = 600$

Tricky addition

1. $180 + \text{Octagon} = 200$

2. $210 + \text{Octagon} = 300$

3. $\text{Octagon} + 340 = 400$

4. $\text{Octagon} + 480 = 500$

5. $520 + \text{Octagon} = 600$

6. $670 + \text{Octagon} = 700$

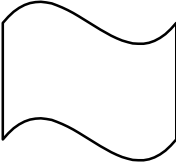
7. $\text{Octagon} + 40 = 800$

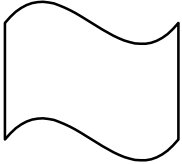
8. $\text{Octagon} + 60 = 900$

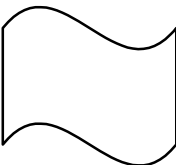
9. $410 + \text{Octagon} = 500$

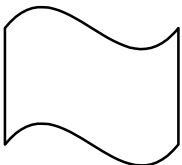
10. $530 + \text{Octagon} = 600$

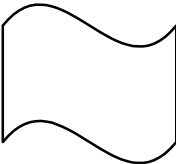
Adding tens crossing 100

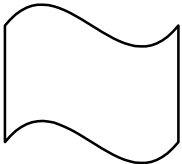
1. $65 + 50 =$ 


2. $57 + 50 =$ 


3. $78 + 30 =$ 


4. $84 + 60 =$ 

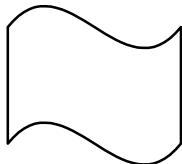
5. $48 + 70 =$ 

6. $36 + 80 =$ 

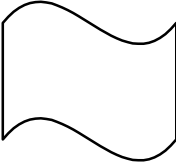
7. $22 + 90 =$ 

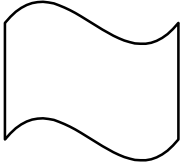
8. $77 + 70 =$ 

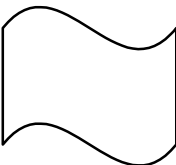
9. $76 + 50 =$ 

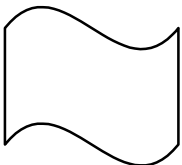
10. $84 + 70 =$ 

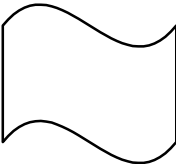
Adding tens crossing 100

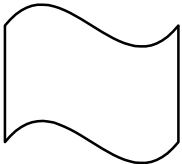
1. $72 + 50 =$ 


2. $31 + 80 =$ 


3. $79 + 40 =$ 


4. $93 + 20 =$ 

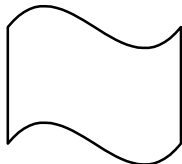
5. $46 + 80 =$ 

6. $34 + 90 =$ 

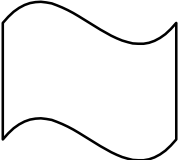
7. $25 + 80 =$ 

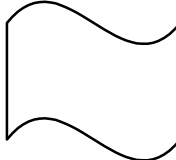
8. $66 + 70 =$ 


9. $72 + 40 =$ 

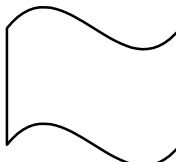
10. $83 + 80 =$ 

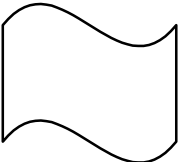
Subtracting whole tens

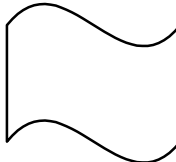
1. $121 - 40 =$ 


2. $124 - 30 =$ 

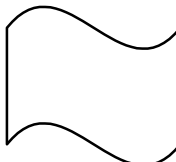
3. $117 - 20 =$ 

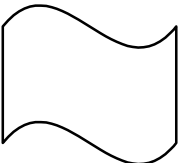
4. $115 - 30 =$ 

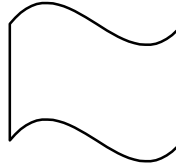
5. $124 - 40 =$ 

6. $127 - 50 =$ 

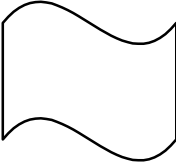
7. $133 - 60 =$ 

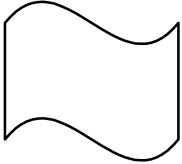
8. $137 - 50 =$ 

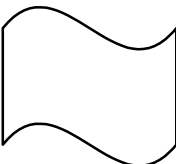
9. $146 - 70 =$ 

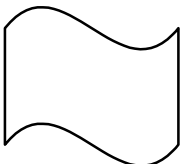
10. $149 - 80 =$ 

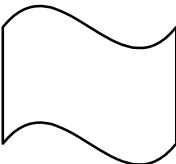
Subtracting whole tens

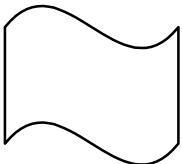
1. $131 - 50 =$ 


2. $144 - 50 =$ 


3. $127 - 30 =$ 


4. $135 - 50 =$ 

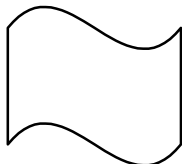
5. $164 - 80 =$ 

6. $147 - 70 =$ 

7. $143 - 70 =$ 

8. $177 - 90 =$ 

9. $156 - 80 =$ 

10. $139 - 70 =$ 

Adding multiples of 100

Over the thousand we go!
Try adding these numbers –
they all come to over 1 000.



1. $600 + 500 =$

2. $700 + 800 =$

3. $800 + 900 =$

4. $400 + 800 =$

5. $500 + 900 =$

6. $300 + 800 =$

7. $900 + 800 =$

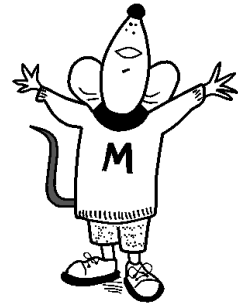
8. $800 + 600 =$

9. $700 + 500 =$

10. $500 + 800 =$

Adding multiples of 100

Hi again! Add up these whole hundreds.
They are quite easy when you get used to them!



1. $600 + 800 =$

2. $700 + 400 =$

3. $800 + 500 =$

4. $400 + 900 =$

5. $500 + 700 =$

6. $300 + 900 =$

7. $900 + 200 =$

8. $800 + 700 =$

9. $700 + 600 =$

10. $500 + 600 =$

Subtracting multiples of 100

What's a frog's favourite drink?

Croak-a-cola !



1. $1\,200 - 300 =$

2. $1\,100 - 400 =$

3. $1\,300 - 500 =$

4. $1\,400 - 800 =$

5. $1\,500 - 700 =$

6. $1\,600 - 900 =$

7. $1\,700 - 800 =$

8. $1\,200 - 500 =$

9. $1\,300 - 600 =$

10. $1\,400 - 700 =$

11. $1\,800 - 900 =$

12. $1\,100 - 300 =$

Subtracting multiples of 100

What has four legs and can
not walk?
A chair!



1. $1\,200 - 500 =$

2. $1\,100 - 600 =$

3. $1\,300 - 700 =$

4. $1\,400 - 500 =$

5. $1\,500 - 600 =$

6. $1\,600 - 800 =$

7. $1\,700 - 900 =$

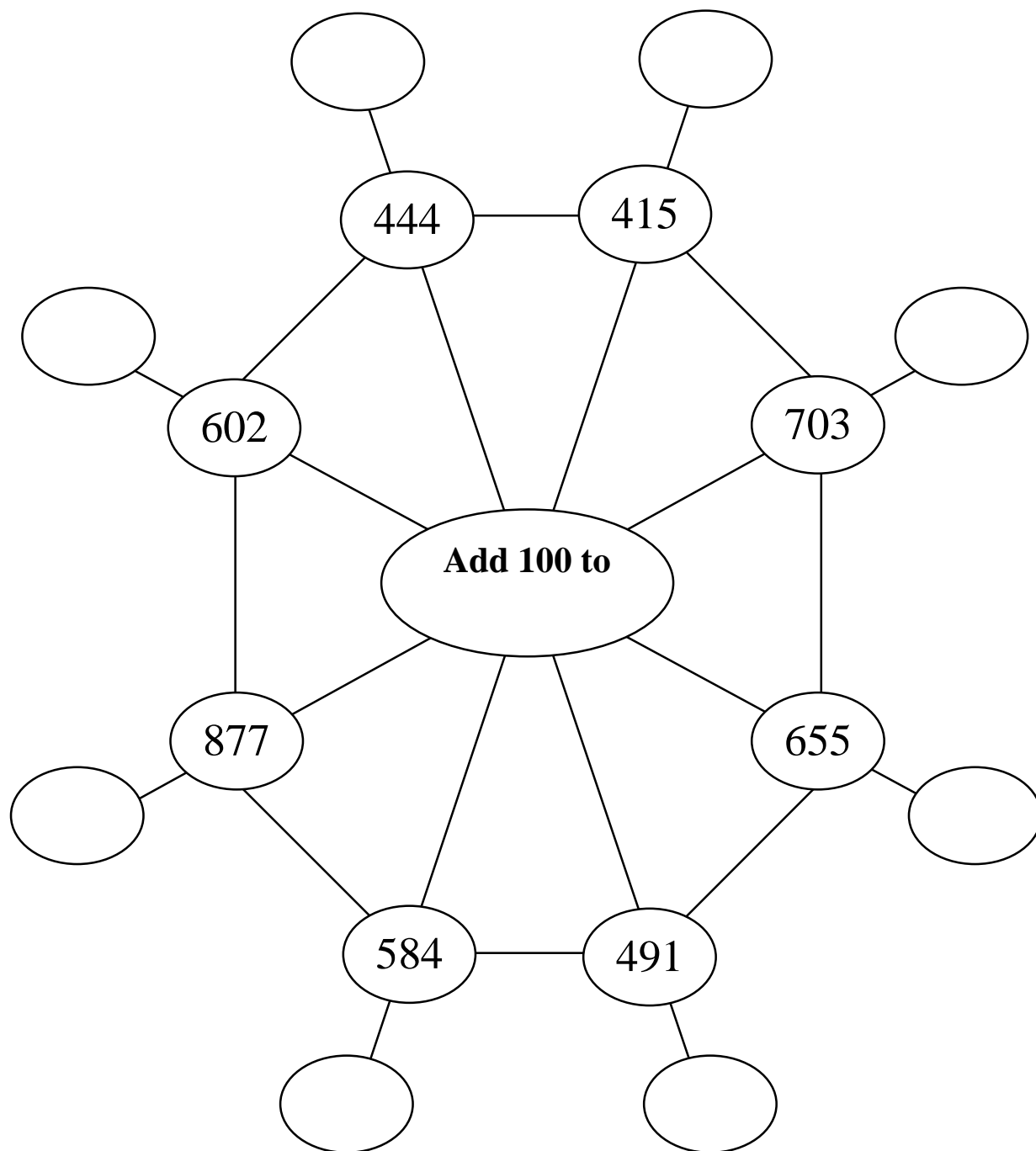
8. $1\,200 - 700 =$

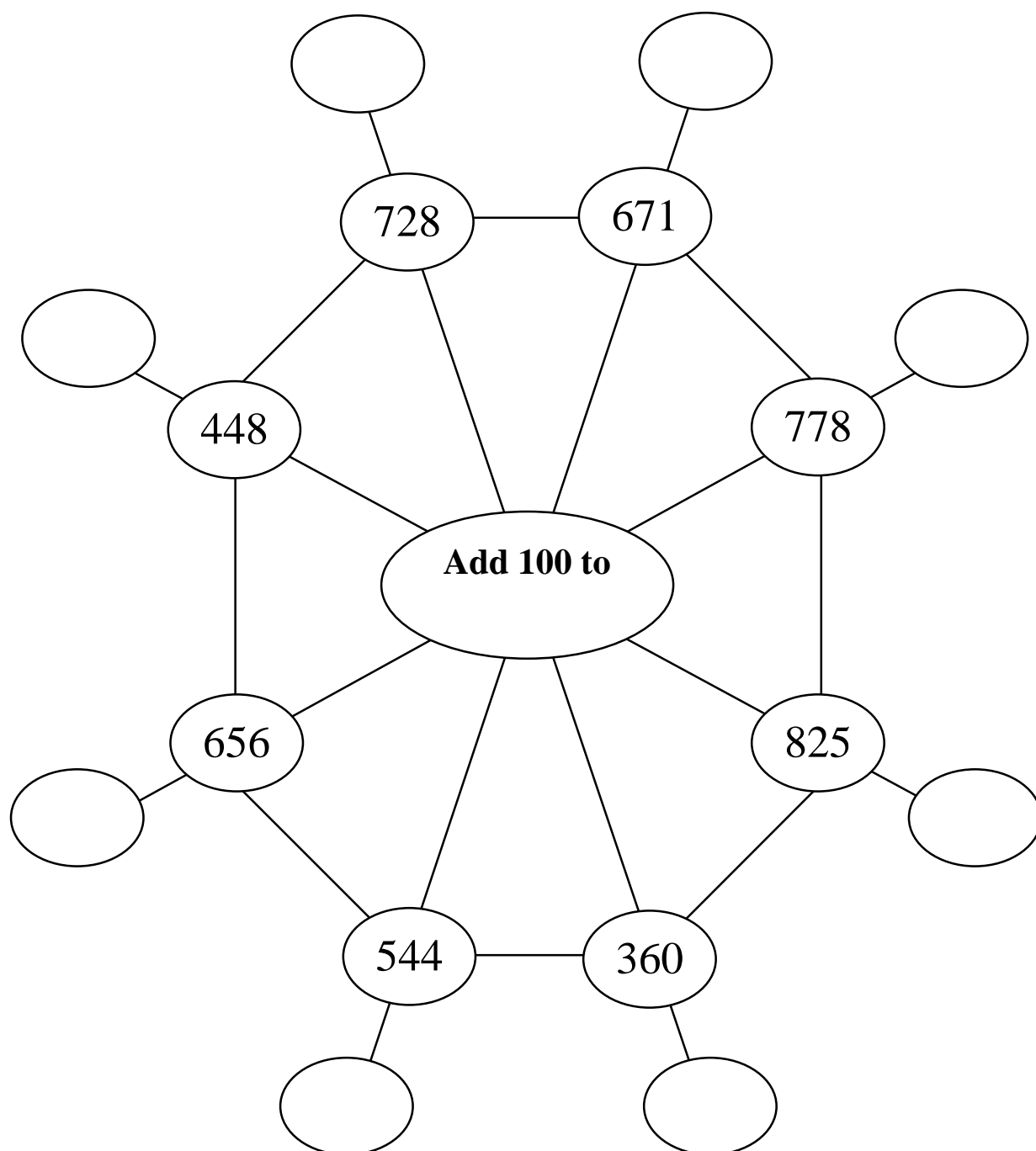
9. $1\,300 - 800 =$

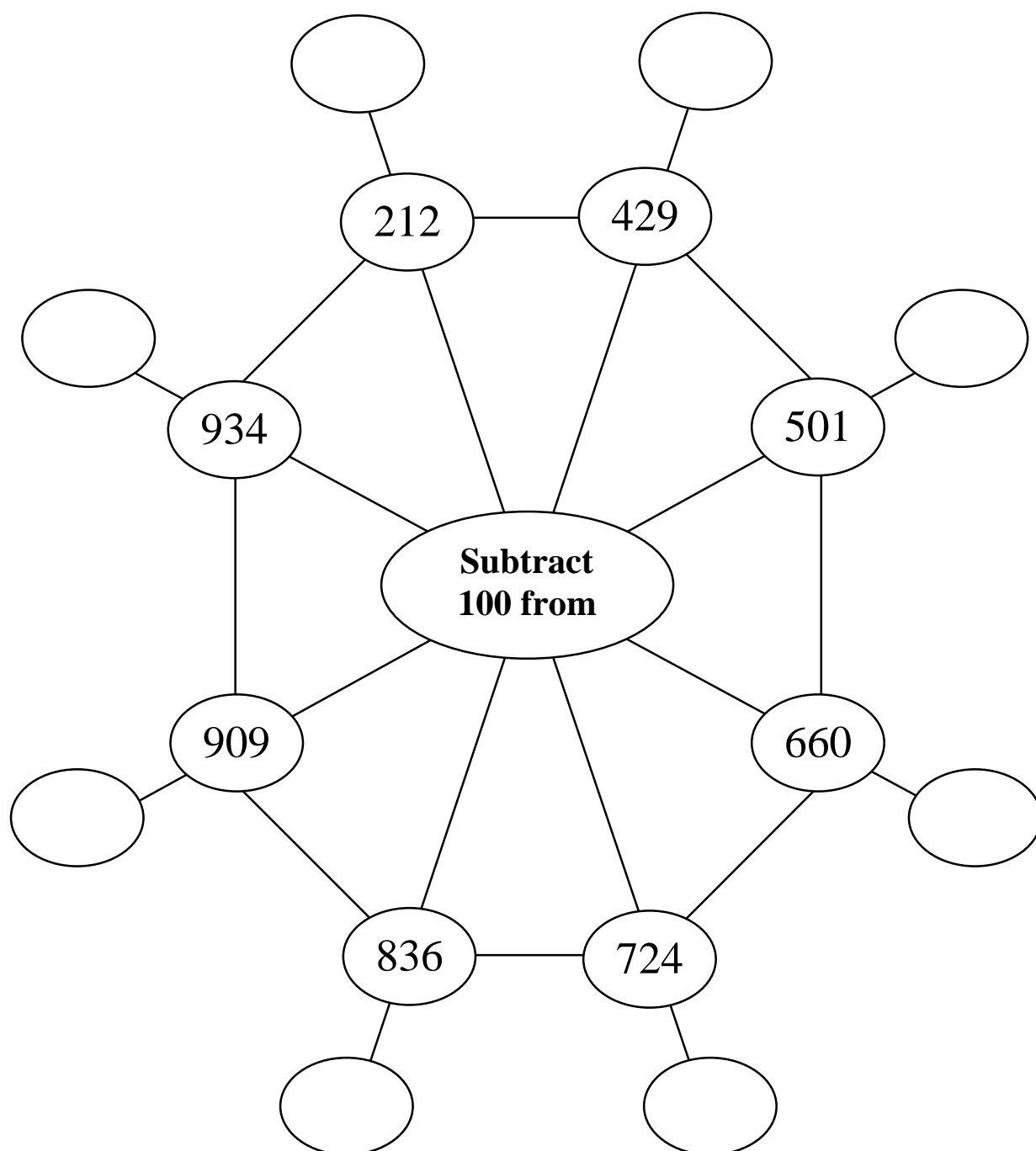
10. $1\,400 - 900 =$

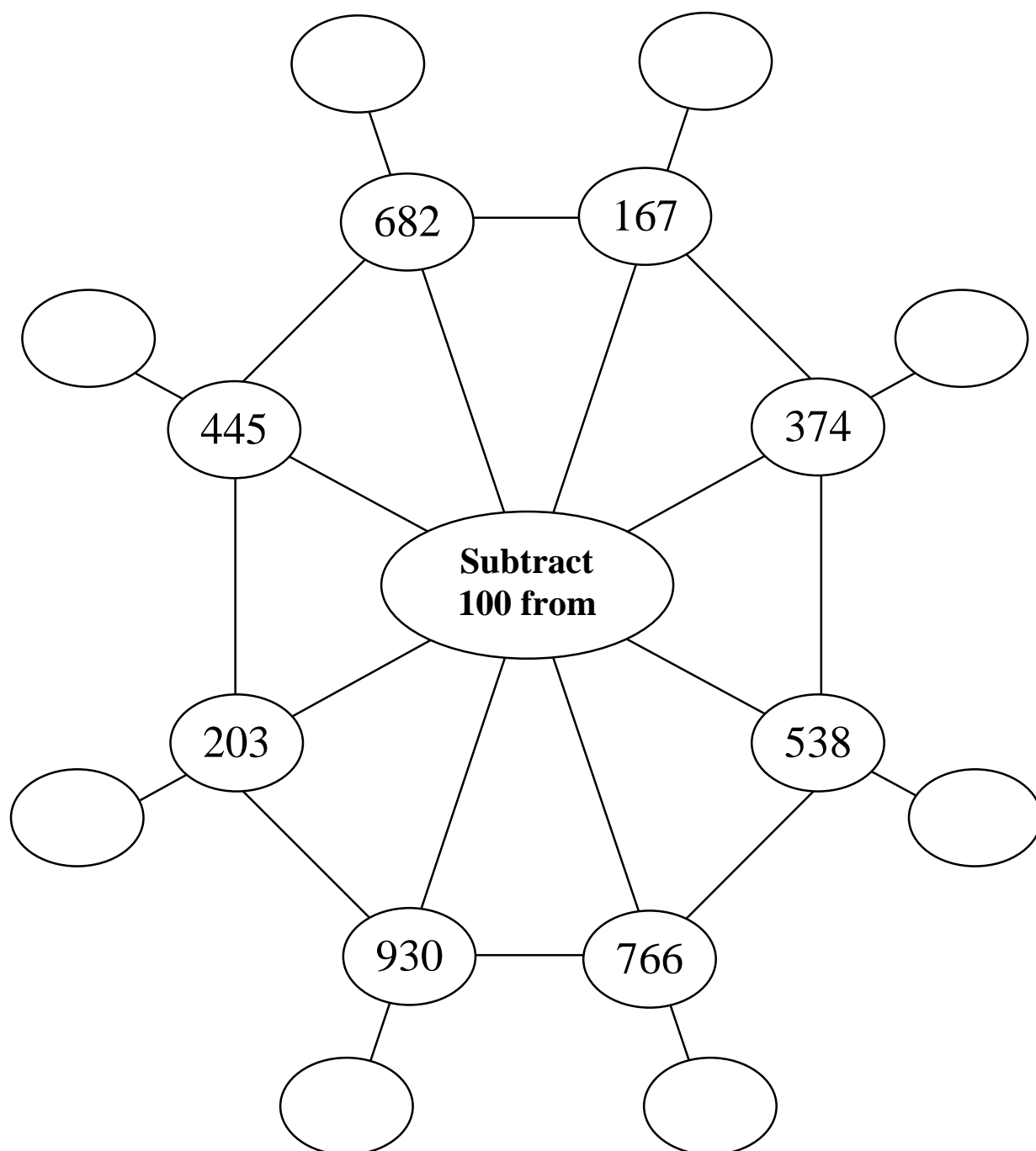
11. $1\,100 - 500 =$

12. $1\,500 - 700 =$









Answer**Page 3**Clockwise: 107 102 109 100 104 106 105 103 **1. 101 2. 108 3. 106 4. 104****Page 4**Clockwise: 301 404 508 605 702 809 903 207 **1. 200 2. 306 3. 408 4. 507****Page 5**Clockwise: 92 95 90 93 98 94 99 91 **1. 191 2. 295 3. 392 4. 493****Page 6**Clockwise: 96 197 291 395 496 594 699 790 **1. 191 2. 294 3. 499 4. 495****Page 7**

1. 110	2. 130	3. 130	4. 130	5. 120	6. 140
7. 140	8. 110	9. 160	10. 110	11. 130	12. 110

Page 8

1. 110	2. 120	3. 110	4. 160	5. 110	6. 180
7. 130	8. 120	9. 120	10. 150	11. 140	12. 130

Page 9

1. 80	2. 70	3. 70	4. 70	5. 90	6. 80
7. 80	8. 90	9. 70	10. 90	11. 60	12. 90

Page 10

1. 60	2. 50	3. 90	4. 60	5. 60	6. 90
7. 90	8. 50	9. 80	10. 80	11. 80	12. 40

Page 11

1. 40	2. 70	3. 110	4. 130	5. 80	6. 80	7. 120	8. 130	9. 50	10. 80
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Page 12

1. 40	2. 70	3. 160	4. 130	5. 60	6. 50	7. 120	8. 160	9. 80	10. 40
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Page 13

1. 40	2. 50	3. 80	4. 50	5. 40	6. 70	7. 720	8. 830	9. 30	10. 30
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Page 14

1. 20	2. 90	3. 60	4. 20	5. 80	6. 30	7. 760	8. 840	9. 90	10. 70
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Page 15

1. 115	2. 107	3. 108	4. 144	5. 118	6. 116	7. 112	8. 147	9. 126	10. 154
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Answers continued**Page 16**

1. 122 2. 111 3. 119 4. 113 5. 126 6. 124 7. 105 8. 136 9. 112 10. 163

Page 17

1. 81 2. 94 3. 97 4. 85 5. 84 6. 77 7. 73 8. 87 9. 76 10. 69

Page 18

1. 81 2. 94 3. 97 4. 85 5. 84 6. 77 7. 73 8. 87 9. 76 10. 69

Page 19

1. 1100	2. 1500	3. 1700	4. 1200	5. 1400
6. 1100	7. 1700	8. 1400	9. 1200	10. 1300

Page 20

1. 1400	2. 1100	3. 1300	4. 1300	5. 1200
6. 1200	7. 1100	8. 1500	9. 1300	10. 1100

Page 21

1. 900	2. 700	3. 800	4. 600	5. 800	6. 700
7. 900	8. 700	9. 700	10. 700	11. 900	12. 800

Page 22

1. 700	2. 500	3. 600	4. 900	5. 900	6. 800
7. 800	8. 500	9. 500	10. 500	11. 600	12. 800

Page 23

Clockwise: 515 803 755 591 684 977 702 544

Page 24

Clockwise: 771 878 925 460 644 756 548 828

Page 25

Clockwise: 329 401 560 624 736 809 834 112

Page 26

Clockwise: 67 274 438 666 830 103 345 582

