



# MATHEMATICS



**N.S. Yr. 2 P.39**

**Add or subtract multiples of ten**

## Equipment

Paper, pencil, ruler

# MathSphere

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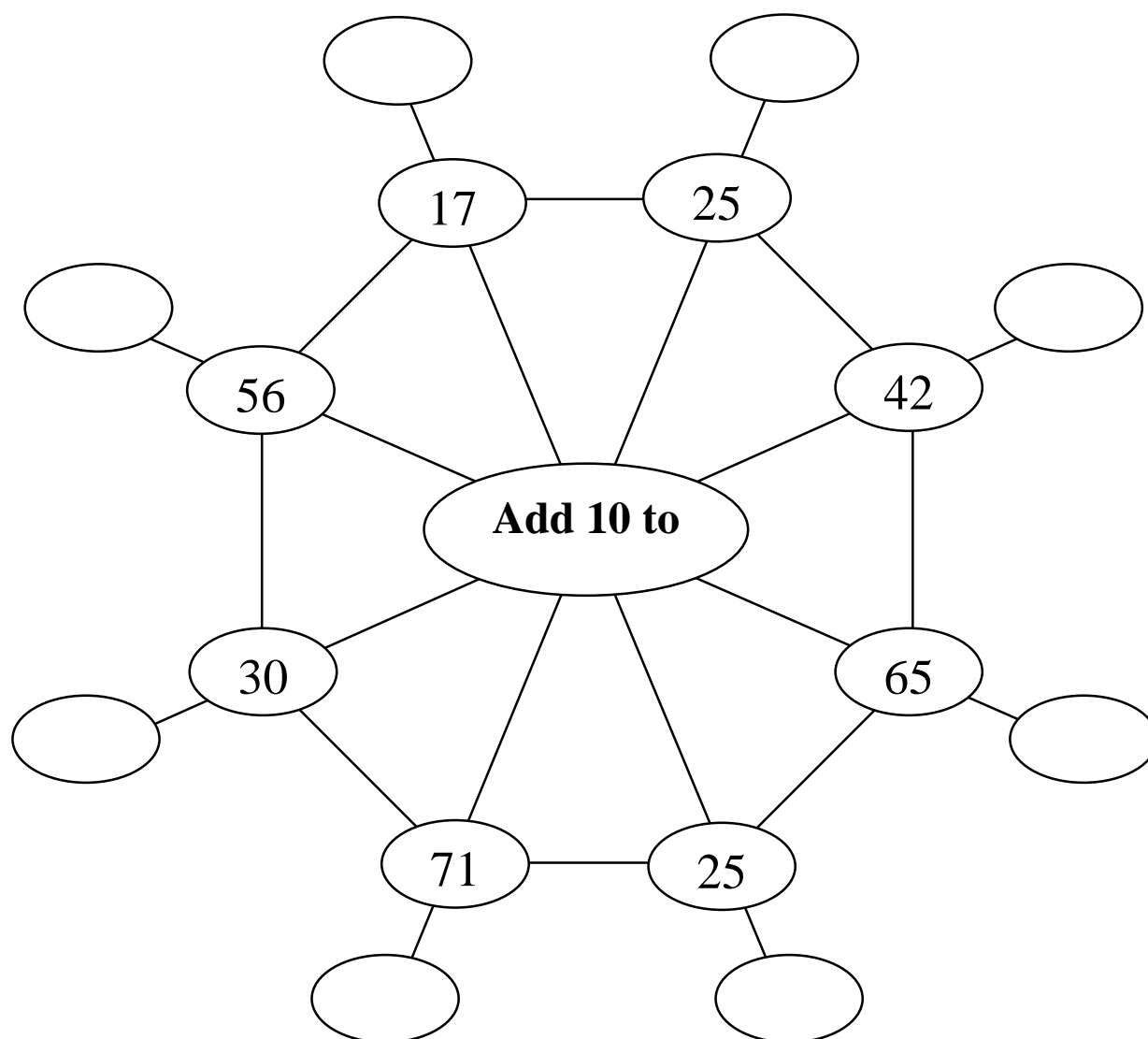
## **Concepts**

Real confidence with addition and subtraction can be gained through concentrating on small steps, each building on previous knowledge.

In this module these steps are:

1. adding 10 to any two digit number with answers going up to, but not beyond 100
2. subtracting 10 from any two digit number
3. adding a pair of multiples of 10 eg  $40 + 50$ , again not going beyond 100
4. subtracting a pair of multiples of 10, keeping below 100
5. finding pairs of multiples of 10 that make 100 eg 30 and 70
6. add a multiple of 10 to any two digit number, up to 100 eg  $45 + 50$
7. subtract a multiple of 10 from a two digit number eg  $45 - 20$
8. add a pair of multiples of 100, with answers up to but not beyond 1 000
9. subtract a pair of multiples of 100 up to 1 000 eg  $600 - 300$ .

It is important that children have plenty of experience in covering all these steps, going over them many times until confident.

Add ten

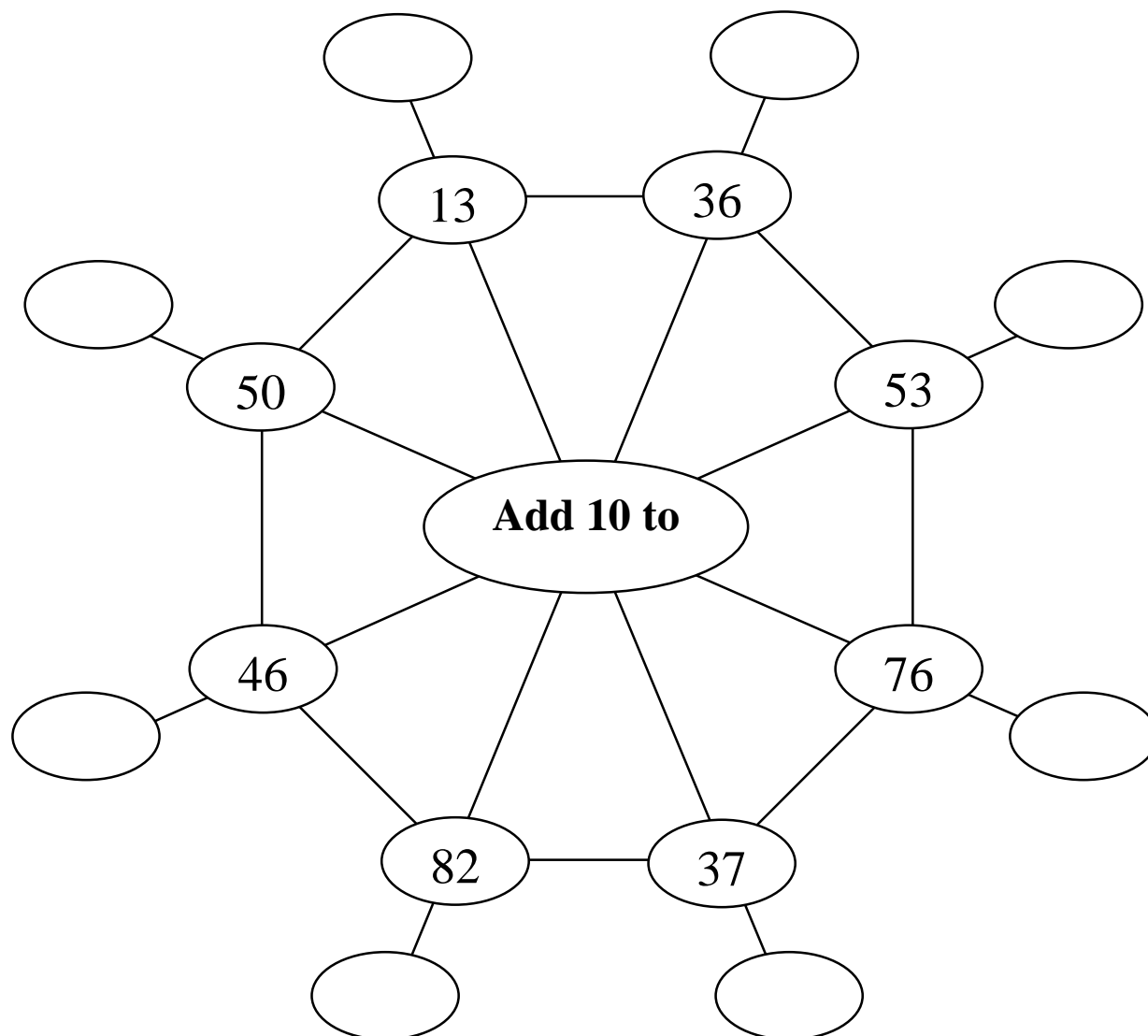
Now try these:

1.  $43 + 10 =$

2.  $82 + 10 =$

3.  $36 + 10 =$

4.  $24 + 10 =$

Add ten

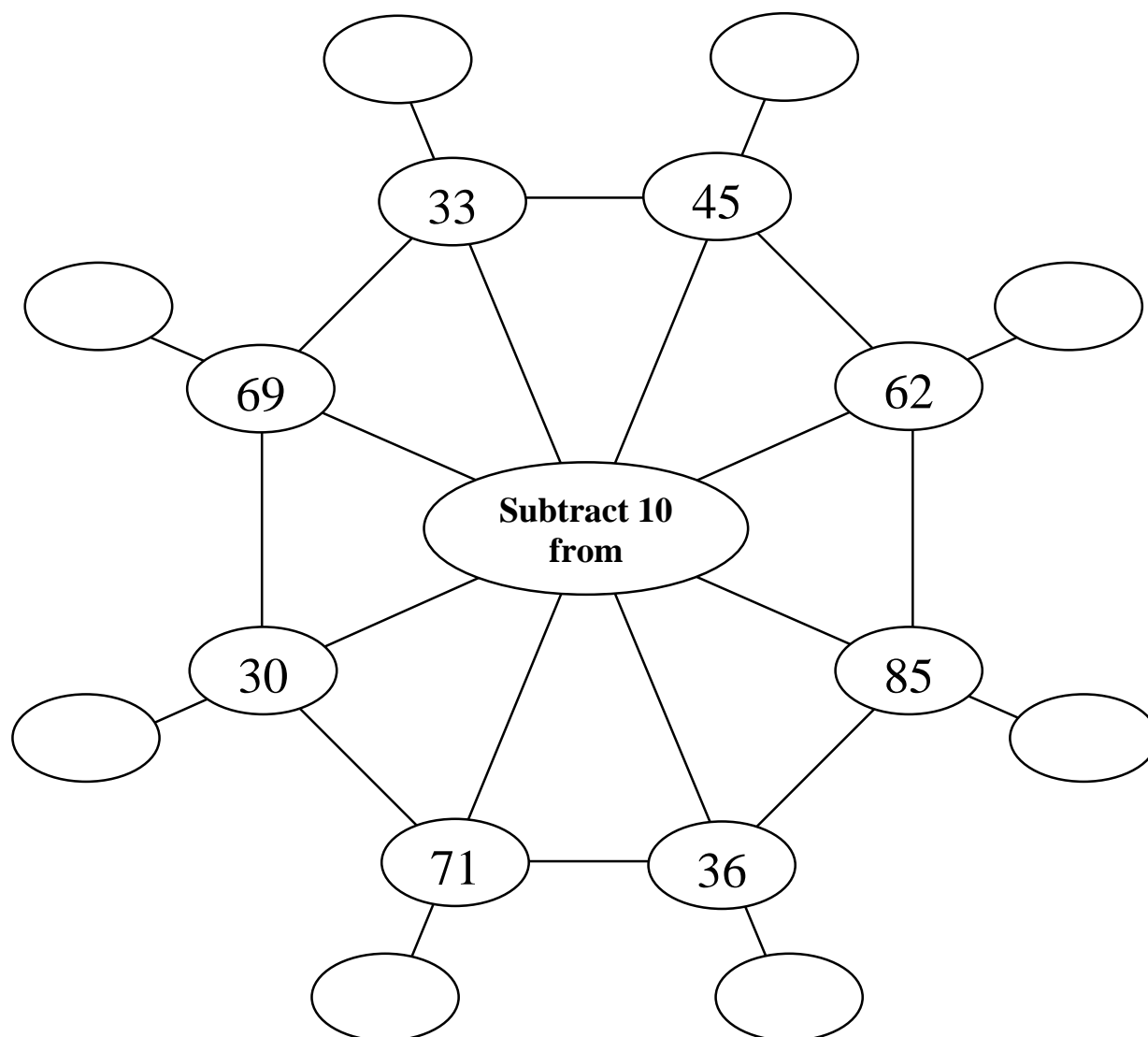
Now try these:

1.  $87 + 10 =$

2.  $70 + 10 =$

3.  $64 + 10 =$

4.  $58 + 10 =$

**Subtract ten**

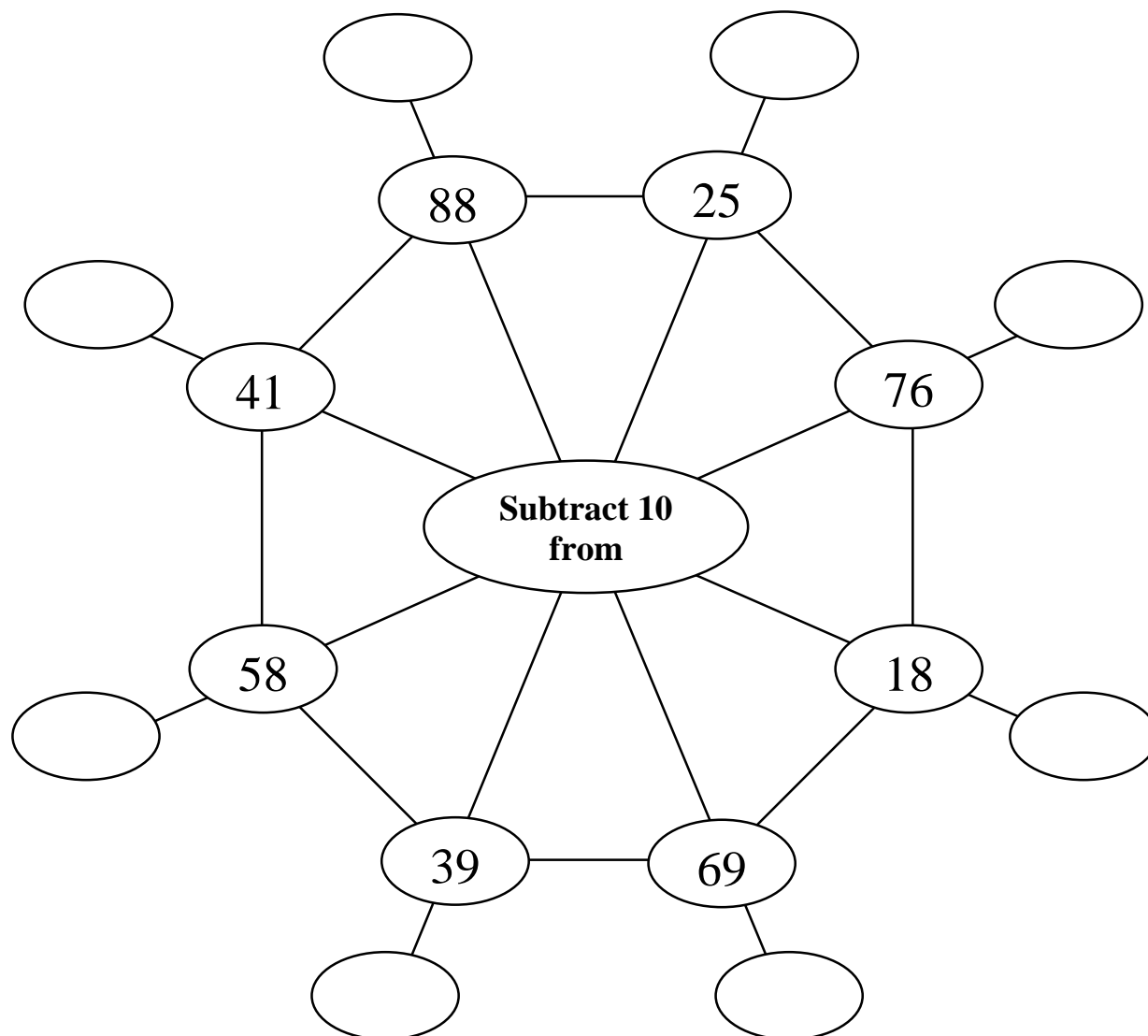
Now try these:

1.  $43 - 10 =$

2.  $66 - 10 =$

3.  $72 - 10 =$

4.  $81 - 10 =$

**Subtract ten**

Now try these:

1.  $21 - 10 =$

2.  $30 - 10 =$

3.  $59 - 10 =$

4.  $77 - 10 =$

Adding multiples of ten

I think that you will whizz through these like the speed of sound!

1.  $60 + 20 =$

2.  $50 + 10 =$

3.  $40 + 20 =$

4.  $30 + 30 =$

5.  $20 + 50 =$

6.  $10 + 40 =$

7.  $90 + 10 =$

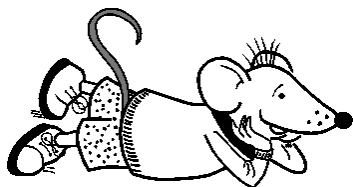
8.  $80 + 10 =$

9.  $70 + 20 =$

10.  $60 + 30 =$

11.  $40 + 40 =$

12.  $20 + 30 =$

**Subtracting multiples of ten**

Feeling lucky today?  
I'm sure you will get  
these all correct.

1.  $40 - 30 =$

2.  $50 - 20 =$

3.  $60 - 40 =$

4.  $70 - 60 =$

5.  $80 - 50 =$

6.  $90 - 10 =$

7.  $40 - 10 =$

8.  $50 - 30 =$

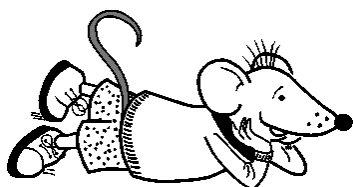
9.  $90 - 30 =$

10.  $80 - 40 =$

11.  $70 - 20 =$

12.  $60 - 50 =$



**Subtracting multiples of ten**

Feeling lucky today?  
I'm sure you will get  
these all correct.

1.  $40 - 20 =$

2.  $50 - 40 =$

3.  $60 - 30 =$

4.  $70 - 50 =$

5.  $80 - 10 =$

6.  $90 - 20 =$

7.  $80 - 20 =$

8.  $50 - 50 =$

9.  $90 - 50 =$

10.  $80 - 70 =$

11.  $70 - 30 =$

12.  $60 - 20 =$

**Adding and subtracting multiples of ten**

1.  $70 + \boxed{\phantom{00}} = 90$

2.  $20 + \boxed{\phantom{00}} = 60$

3.  $\boxed{\phantom{00}} - 20 = 70$

4.  $\boxed{\phantom{00}} - 30 = 30$

5.  $40 + \boxed{\phantom{00}} = 90$

6.  $10 + \boxed{\phantom{00}} = 80$

7.  $\boxed{\phantom{00}} - 40 = 60$

8.  $\boxed{\phantom{00}} - 10 = 50$

9.  $60 - \boxed{\phantom{00}} = 20$

10.  $80 - \boxed{\phantom{00}} = 30$

**Adding and subtracting multiples of ten**

1.  $40 + \boxed{\phantom{00}} = 70$

2.  $20 + \boxed{\phantom{00}} = 80$

3.  $\boxed{\phantom{00}} - 40 = 40$

4.  $\boxed{\phantom{00}} - 50 = 10$

5.  $30 + \boxed{\phantom{00}} = 70$

6.  $10 + \boxed{\phantom{00}} = 20$

7.  $\boxed{\phantom{00}} - 30 = 60$

8.  $\boxed{\phantom{00}} - 10 = 80$

9.  $60 - \boxed{\phantom{00}} = 40$

10.  $80 - \boxed{\phantom{00}} = 10$

**Target 100**

1.  $40 + \text{Octagon} = 100$     2.  $60 + \text{Octagon} = 100$

3.  $\text{Octagon} + 20 = 100$     4.  $\text{Octagon} + 50 = 100$

5.  $70 + \text{Octagon} = 100$     6.  $10 + \text{Octagon} = 100$

7.  $\text{Octagon} + 30 = 100$     8.  $\text{Octagon} + 90 = 100$

9.  $50 + \text{Octagon} = 100$     10.  $80 + \text{Octagon} = 100$

**Making 100**

Your turn to  
make up the  
sums!!

**How many ways can you make 100 ?**  
**You can only use the numbers and signs on the cards below!!**

0

10

20

30

40

50

60

70

+

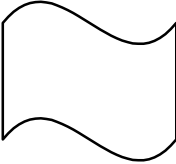
80

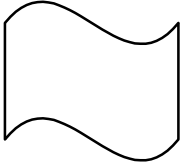
90

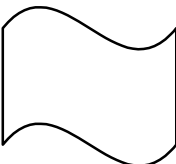
=

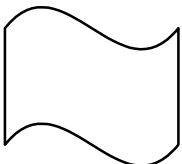
100

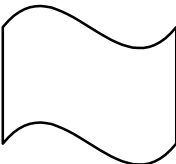
**Subtracting whole tens**

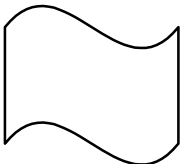
1.  $53 - 30 =$  


2.  $71 - 40 =$  


3.  $44 - 20 =$  


4.  $89 - 70 =$  

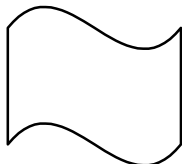
5.  $62 - 50 =$  

6.  $74 - 60 =$  

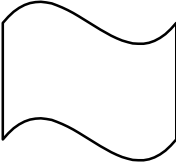
7.  $99 - 80 =$  

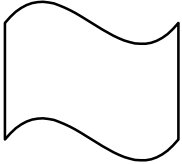
8.  $35 - 10 =$  

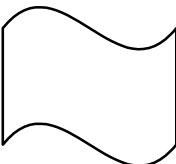
9.  $76 - 50 =$  

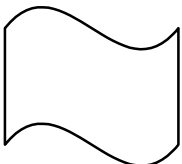
10.  $84 - 70 =$  

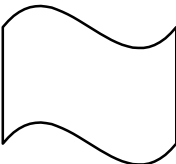
**Subtracting whole tens**

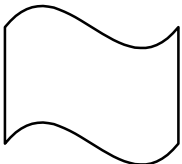
1.  $55 - 20 =$  


2.  $72 - 50 =$  


3.  $43 - 30 =$  


4.  $88 - 60 =$  

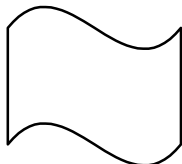
5.  $63 - 40 =$  

6.  $75 - 70 =$  

7.  $97 - 50 =$  

8.  $34 - 20 =$  

9.  $79 - 40 =$  

10.  $82 - 60 =$  

**Adding and subtracting whole tens**

$$1. 45 + 30 = \boxed{\phantom{00}} \quad 2. 45 - \boxed{\phantom{00}} = 25$$

$$3. \boxed{\phantom{00}} - 40 = 34 \quad 4. \boxed{\phantom{00}} + 35 = 65$$

$$5. \boxed{\phantom{00}} + 50 = 64 \quad 6. \boxed{\phantom{00}} - 20 = 71$$

$$7. 52 - 40 = \boxed{\phantom{00}} \quad 8. 36 + \boxed{\phantom{00}} = 66$$

$$9. \boxed{\phantom{00}} + 30 = 61 \quad 10. \boxed{\phantom{00}} - 40 = 54$$



**Adding and subtracting whole tens**

$$1. 27 + 50 = \boxed{\phantom{00}} \quad 2. 66 - \boxed{\phantom{00}} = 16$$

$$3. \boxed{\phantom{00}} - 30 = 64 \quad 4. \boxed{\phantom{00}} + 32 = 52$$

$$5. \boxed{\phantom{00}} + 30 = 55 \quad 6. \boxed{\phantom{00}} - 40 = 38$$

$$7. 67 - 40 = \boxed{\phantom{00}} \quad 8. 19 + \boxed{\phantom{00}} = 79$$

$$9. \boxed{\phantom{00}} + 20 = 46 \quad 10. \boxed{\phantom{00}} - 30 = 53$$

**Adding multiples of 100**

Heh! We're getting into really big numbers now!  
Try adding these hundreds together!



1.  $300 + 400 =$

2.  $500 + 100 =$

3.  $200 + 700 =$

4.  $400 + 500 =$

5.  $500 + 200 =$

6.  $700 + 100 =$

7.  $100 + 800 =$

8.  $500 + 300 =$

9.  $600 + 300 =$

10.  $400 + 400 =$

**Adding multiples of 100**

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



1.  $400 + 200 =$

2.  $600 + 200 =$

3.  $300 + 300 =$

4.  $500 + 400 =$

5.  $600 + 300 =$

6.  $200 + 500 =$

7.  $300 + 600 =$

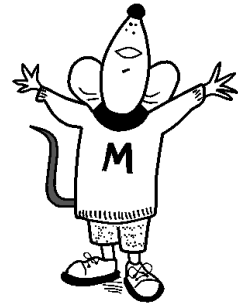
8.  $100 + 100 =$

9.  $400 + 300 =$

10.  $200 + 200 =$

**Subtracting multiples of 100**

I got hiccups the other day  
and my teacher said I could  
cure them by counting to a  
million!



1.  $300 - 200 =$

2.  $400 - 300 =$

3.  $200 - 100 =$

4.  $500 - 200 =$

5.  $700 - 300 =$

6.  $600 - 400 =$

7.  $900 - 500 =$

8.  $800 - 200 =$

9.  $700 - 600 =$

10.  $900 - 200 =$

**Subtracting multiples of 100**

Did you hear about the maths teacher who fainted?  
Everyone tried to bring him 2!!



1.  $300 - 100 =$

2.  $400 - 200 =$

3.  $800 - 100 =$

4.  $500 - 300 =$

5.  $700 - 400 =$

6.  $600 - 500 =$

7.  $900 - 700 =$

8.  $800 - 300 =$

9.  $700 - 500 =$

10.  $900 - 300 =$

**Answer****Page 3**Clockwise: 35    52    75    35    81    40    66    27    **1. 53    2. 92    3. 46    4. 34****Page 4**Clockwise: 46    63    86    47    92    56    60    23    **1. 97    2. 80    3. 74    4. 68****Page 5**Clockwise: 35    52    75    26    61    20    59    23    **1. 33    2. 56    3. 62    4. 71****Page 6**Clockwise: 15    66    8    59    29    48    31    78    **1. 11    2. 20    3. 49    4. 67****Page 7**

<b>1. 80</b>	<b>2. 60</b>	<b>3. 60</b>	<b>4. 60</b>	<b>5. 70</b>	<b>6. 50</b>
<b>7. 100</b>	<b>8. 90</b>	<b>9. 90</b>	<b>10. 90</b>	<b>11. 80</b>	<b>12. 50</b>

**Page 8**

<b>1. 10</b>	<b>2. 30</b>	<b>3. 20</b>	<b>4. 10</b>	<b>5. 30</b>	<b>6. 80</b>
<b>7. 30</b>	<b>8. 20</b>	<b>9. 60</b>	<b>10. 40</b>	<b>11. 50</b>	<b>12. 10</b>

**Page 9**

<b>1. 20</b>	<b>2. 10</b>	<b>3. 30</b>	<b>4. 20</b>	<b>5. 70</b>	<b>6. 70</b>
<b>7. 60</b>	<b>8. 0</b>	<b>9. 40</b>	<b>10. 10</b>	<b>11. 40</b>	<b>12. 40</b>

**Page 10**

<b>1. 20</b>	<b>2. 40</b>	<b>3. 90</b>	<b>4. 60</b>	<b>5. 50</b>	<b>6. 70</b>	<b>7. 100</b>	<b>8. 60</b>	<b>9. 40</b>	<b>10. 50</b>
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**Page 11**

<b>1. 30</b>	<b>2. 60</b>	<b>3. 80</b>	<b>4. 60</b>	<b>5. 40</b>	<b>6. 10</b>	<b>7. 90</b>	<b>8. 90</b>	<b>9. 20</b>	<b>10. 70</b>
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**Page 12**

<b>1. 60</b>	<b>2. 40</b>	<b>3. 80</b>	<b>4. 50</b>	<b>5. 30</b>	<b>6. 90</b>	<b>7. 70</b>	<b>8. 10</b>	<b>9. 50</b>	<b>10. 20</b>
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**Page 14**

<b>1. 23</b>	<b>2. 31</b>	<b>3. 24</b>	<b>4. 19</b>	<b>5. 12</b>	<b>6. 14</b>	<b>7. 19</b>	<b>8. 25</b>	<b>9. 26</b>	<b>10. 14</b>
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**Page 15**

<b>1. 35</b>	<b>2. 22</b>	<b>3. 13</b>	<b>4. 28</b>	<b>5. 23</b>	<b>6. 5</b>	<b>7. 47</b>	<b>8. 14</b>	<b>9. 39</b>	<b>10. 22</b>
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**Page 16**

<b>1. 75</b>	<b>2. 20</b>	<b>3. 74</b>	<b>4. 30</b>	<b>5. 14</b>	<b>6. 91</b>	<b>7. 12</b>	<b>8. 30</b>	<b>9. 31</b>	<b>10. 94</b>
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**Answers continued****Page 17****1. 77   2. 50   3. 94   4. 20   5. 25   6. 78   7. 27   8. 60   9. 26   10. 83****Page 18****1. 700   2. 600   3. 900   4. 900   5. 700   6. 800   7. 900   8. 800   9. 900   10. 800****Page 19****1. 600   2. 800   3. 600   4. 900   5. 900   6. 700   7. 900   8. 200   9. 700   10. 400****Page 20****1. 100   2. 100   3. 100   4. 300   5. 400   6. 200   7. 400   8. 600   9. 100   10. 700****Page 21****1. 200   2. 200   3. 700   4. 200   5. 300   6. 100   7. 200   8. 500   9. 200   10. 600**

