



# Mental Maths

# 40 weeks

**Slambo Resources**

## Mental Maths

### 10 Weeks

**Week 1**

Monday	Tuesday	Wednesday	Thursday
1. $87 + 15 =$	1. $125 + 15 =$	1. $125 + 15 =$	1. $125 + 15 =$
2. $75 + 89 =$	2. $67 + 89 =$	2. $67 + 89 =$	2. $67 + 89 =$
3. $67 + 15 =$	3. $67 + 15 =$	3. $67 + 15 =$	3. $67 + 15 =$
4. $284 + 83 =$	4. $284 + 83 =$	4. $284 + 83 =$	4. $284 + 83 =$
5. $16 + 15 =$	5. $16 + 15 =$	5. $16 + 15 =$	5. $16 + 15 =$
6. $65 + 18 =$	6. $65 + 18 =$	6. $65 + 18 =$	6. $65 + 18 =$
7. $82 + 62 =$	7. $82 + 62 =$	7. $82 + 62 =$	7. $82 + 62 =$
8. $125 + 163 =$	8. $125 + 163 =$	8. $125 + 163 =$	8. $125 + 163 =$
9. $118 + 311 =$	9. $118 + 311 =$	9. $118 + 311 =$	9. $118 + 311 =$
10. $193 + 657 =$	10. $193 + 657 =$	10. $193 + 657 =$	10. $193 + 657 =$

**Week 2**

Monday	Tuesday	Wednesday	Thursday
1. $61 + 71 =$	1. $61 + 71 =$	1. $61 + 71 =$	1. $61 + 71 =$
2. $23 + 85 =$	2. $23 + 85 =$	2. $23 + 85 =$	2. $23 + 85 =$
3. $28 + 74 =$	3. $28 + 74 =$	3. $28 + 74 =$	3. $28 + 74 =$
4. $62 + 85 =$	4. $62 + 85 =$	4. $62 + 85 =$	4. $62 + 85 =$
5. $77 + 75 =$	5. $77 + 75 =$	5. $77 + 75 =$	5. $77 + 75 =$
6. $152 + 148 =$	6. $152 + 148 =$	6. $152 + 148 =$	6. $152 + 148 =$
7. $840 + 160 =$	7. $840 + 160 =$	7. $840 + 160 =$	7. $840 + 160 =$
8. $352 + 542 =$	8. $352 + 542 =$	8. $352 + 542 =$	8. $352 + 542 =$
9. $792 + 194 =$	9. $792 + 194 =$	9. $792 + 194 =$	9. $792 + 194 =$
10. $154 + 154 =$	10. $154 + 154 =$	10. $154 + 154 =$	10. $154 + 154 =$

**Grade 6 & 7**

**Slambo Resources**

## Mental Maths

### 10 Weeks

**Week 1**

Monday	Tuesday	Wednesday	Thursday
1. $191 + 28 =$	1. $191 + 28 =$	1. $191 + 28 =$	1. $191 + 28 =$
2. $402 + 77 =$	2. $402 + 77 =$	2. $402 + 77 =$	2. $402 + 77 =$
3. $738 + 118 =$	3. $738 + 118 =$	3. $738 + 118 =$	3. $738 + 118 =$
4. $248 + 15 =$	4. $248 + 15 =$	4. $248 + 15 =$	4. $248 + 15 =$
5. $515 + 409 =$	5. $515 + 409 =$	5. $515 + 409 =$	5. $515 + 409 =$
6. $196 + 728 =$	6. $196 + 728 =$	6. $196 + 728 =$	6. $196 + 728 =$
7. $632 + 832 =$	7. $632 + 832 =$	7. $632 + 832 =$	7. $632 + 832 =$
8. $445 + 523 =$	8. $445 + 523 =$	8. $445 + 523 =$	8. $445 + 523 =$
9. $129 + 889 =$	9. $129 + 889 =$	9. $129 + 889 =$	9. $129 + 889 =$
10. $893 + 102 =$	10. $893 + 102 =$	10. $893 + 102 =$	10. $893 + 102 =$

**Week 2**

Monday	Tuesday	Wednesday	Thursday
1. $191 + 28 =$	1. $191 + 28 =$	1. $191 + 28 =$	1. $191 + 28 =$
2. $402 + 77 =$	2. $402 + 77 =$	2. $402 + 77 =$	2. $402 + 77 =$
3. $738 + 118 =$	3. $738 + 118 =$	3. $738 + 118 =$	3. $738 + 118 =$
4. $248 + 15 =$	4. $248 + 15 =$	4. $248 + 15 =$	4. $248 + 15 =$
5. $515 + 409 =$	5. $515 + 409 =$	5. $515 + 409 =$	5. $515 + 409 =$
6. $196 + 728 =$	6. $196 + 728 =$	6. $196 + 728 =$	6. $196 + 728 =$
7. $632 + 832 =$	7. $632 + 832 =$	7. $632 + 832 =$	7. $632 + 832 =$
8. $445 + 523 =$	8. $445 + 523 =$	8. $445 + 523 =$	8. $445 + 523 =$
9. $129 + 889 =$	9. $129 + 889 =$	9. $129 + 889 =$	9. $129 + 889 =$
10. $893 + 102 =$	10. $893 + 102 =$	10. $893 + 102 =$	10. $893 + 102 =$

**Grade 6 & 7**

## Mental Maths

### 10 Weeks

**Week 1**

Monday	Tuesday	Wednesday	Thursday
1. $615, 4 =$	1. $615, 4 =$	1. $615, 4 =$	1. $615, 4 =$
2. $6, 3, 3, 4 =$	2. $6, 3, 3, 4 =$	2. $6, 3, 3, 4 =$	2. $6, 3, 3, 4 =$
3. $11, 3, 11, 11 =$	3. $11, 3, 11, 11 =$	3. $11, 3, 11, 11 =$	3. $11, 3, 11, 11 =$
4. $7, 3, 2 =$	4. $7, 3, 2 =$	4. $7, 3, 2 =$	4. $7, 3, 2 =$
5. $10, 20, 30 =$	5. $10, 20, 30 =$	5. $10, 20, 30 =$	5. $10, 20, 30 =$
6. $4, 5, 6 =$	6. $4, 5, 6 =$	6. $4, 5, 6 =$	6. $4, 5, 6 =$
7. $18, 18 =$	7. $18, 18 =$	7. $18, 18 =$	7. $18, 18 =$
8. $30, 50, 10 =$	8. $30, 50, 10 =$	8. $30, 50, 10 =$	8. $30, 50, 10 =$
9. $4, 11, 3, 2 =$	9. $4, 11, 3, 2 =$	9. $4, 11, 3, 2 =$	9. $4, 11, 3, 2 =$
10. $13, 12, 4, 2 =$	10. $13, 12, 4, 2 =$	10. $13, 12, 4, 2 =$	10. $13, 12, 4, 2 =$

**Week 2**

Monday	Tuesday	Wednesday	Thursday
1. $1, 18, 8 =$	1. $1, 18, 8 =$	1. $1, 18, 8 =$	1. $1, 18, 8 =$
2. $1, 11, 11, 11 =$	2. $1, 11, 11, 11 =$	2. $1, 11, 11, 11 =$	2. $1, 11, 11, 11 =$
3. $4, 6, 8, 10 =$	3. $4, 6, 8, 10 =$	3. $4, 6, 8, 10 =$	3. $4, 6, 8, 10 =$
4. $3, 1, 10 =$	4. $3, 1, 10 =$	4. $3, 1, 10 =$	4. $3, 1, 10 =$
5. $40, 40 =$	5. $40, 40 =$	5. $40, 40 =$	5. $40, 40 =$
6. $9, 11, 6, 8, 5 =$	6. $9, 11, 6, 8, 5 =$	6. $9, 11, 6, 8, 5 =$	6. $9, 11, 6, 8, 5 =$
7. $17, 15, 3 =$	7. $17, 15, 3 =$	7. $17, 15, 3 =$	7. $17, 15, 3 =$
8. $11, 9, 15 =$	8. $11, 9, 15 =$	8. $11, 9, 15 =$	8. $11, 9, 15 =$
9. $2, 28 =$	9. $2, 28 =$	9. $2, 28 =$	9. $2, 28 =$
10. $12, 13, 14 =$	10. $12, 13, 14 =$	10. $12, 13, 14 =$	10. $12, 13, 14 =$

**Grade 6 & 7**

**Slambo Resources**

## Mental Maths

### 10 Weeks

**Week 1**

Monday	Tuesday	Wednesday	Thursday
1. $0, 25 =$	1. $0, 25 =$	1. $0, 25 =$	1. $0, 25 =$
2. $0, 8 =$	2. $0, 8 =$	2. $0, 8 =$	2. $0, 8 =$
3. $0, 45 =$	3. $0, 45 =$	3. $0, 45 =$	3. $0, 45 =$
4. $0, 4 =$	4. $0, 4 =$	4. $0, 4 =$	4. $0, 4 =$
5. $0, 01 =$	5. $0, 01 =$	5. $0, 01 =$	5. $0, 01 =$
6. $0, 75 =$	6. $0, 75 =$	6. $0, 75 =$	6. $0, 75 =$
7. $0, 33 =$	7. $0, 33 =$	7. $0, 33 =$	7. $0, 33 =$
8. $1, 25 =$	8. $1, 25 =$	8. $1, 25 =$	8. $1, 25 =$
9. $0, 6 =$	9. $0, 6 =$	9. $0, 6 =$	9. $0, 6 =$
10. $0, 1 =$	10. $0, 1 =$	10. $0, 1 =$	10. $0, 1 =$

**Week 2**

Monday	Tuesday	Wednesday	Thursday
1. $0, 25 =$	1. $0, 25 =$	1. $0, 25 =$	1. $0, 25 =$
2. $0, 8 =$	2. $0, 8 =$	2. $0, 8 =$	2. $0, 8 =$
3. $0, 45 =$	3. $0, 45 =$	3. $0, 45 =$	3. $0, 45 =$
4. $0, 4 =$	4. $0, 4 =$	4. $0, 4 =$	4. $0, 4 =$
5. $0, 01 =$	5. $0, 01 =$	5. $0, 01 =$	5. $0, 01 =$
6. $0, 75 =$	6. $0, 75 =$	6. $0, 75 =$	6. $0, 75 =$
7. $0, 33 =$	7. $0, 33 =$	7. $0, 33 =$	7. $0, 33 =$
8. $1, 25 =$	8. $1, 25 =$	8. $1, 25 =$	8. $1, 25 =$
9. $0, 6 =$	9. $0, 6 =$	9. $0, 6 =$	9. $0, 6 =$
10. $0, 1 =$	10. $0, 1 =$	10. $0, 1 =$	10. $0, 1 =$

**Grade 6 & 7**





# Mental Maths

## 10 Weeks

Week 1

### Mental Maths

Monday

1.  $89 + 49 =$  \_\_\_\_\_
2.  $72 + 84 =$  \_\_\_\_\_
3.  $67 + 135 =$  \_\_\_\_\_
4.  $284 + 93 =$  \_\_\_\_\_
5.  $116 + 115 =$  \_\_\_\_\_
6.  $63 + 98 =$  \_\_\_\_\_
7.  $82 + 62 =$  \_\_\_\_\_
8.  $125 + 163 =$  \_\_\_\_\_
9.  $198 + 311 =$  \_\_\_\_\_
10.  $143 + 657 =$  \_\_\_\_\_

Tue

1.  $12$
2.  $87$
3.  $31$
4.  $74$
5.  $82$
6.  $78$
7.  $15$
8.  $31$
9.  $54$
10.  $9$

Monday

1.  $61 + 71 =$  \_\_\_\_\_
2.  $93 + 85 =$  \_\_\_\_\_
3.  $28 + 74 =$  \_\_\_\_\_
4.  $62 + 85 =$  \_\_\_\_\_
5.  $77 + 75 =$  \_\_\_\_\_
6.  $152 + 168 =$  \_\_\_\_\_
7.  $890 + 141 =$  \_\_\_\_\_
8.  $352 + 542 =$  \_\_\_\_\_
9.  $792 + 134 =$  \_\_\_\_\_
10.  $159 + 159 =$  \_\_\_\_\_

Tue

1.  $89$
2.  $97$
3.  $81$
4.  $72$
5.  $68$
6.  $36$
7.  $46$
8.  $938$
9.  $186$
10.  $394 - 301 =$  \_\_\_\_\_

Week 6

### Mental Maths

Fractions of numbers  
Monday

1.  $\frac{1}{4}$  of  $24 =$  \_\_\_\_\_
2.  $\frac{3}{4}$  of  $40 =$  \_\_\_\_\_
3.  $\frac{3}{5}$  of  $35 =$  \_\_\_\_\_
4.  $\frac{2}{5}$  of  $55 =$  \_\_\_\_\_
5.  $\frac{3}{4}$  of  $36 =$  \_\_\_\_\_
6.  $\frac{1}{8}$  of  $64 =$  \_\_\_\_\_
7.  $\frac{5}{7}$  of  $49 =$  \_\_\_\_\_
8.  $\frac{7}{8}$  of  $64 =$  \_\_\_\_\_
9.  $\frac{9}{10}$  of  $50 =$  \_\_\_\_\_
10.  $\frac{4}{5}$  of  $60 =$  \_\_\_\_\_

Week 10

### Mental Maths

Fractions of numbers  
Monday

1.  $\frac{1}{6}$  of  $36 =$  \_\_\_\_\_
2.  $\frac{3}{5}$  of  $50 =$  \_\_\_\_\_
3.  $\frac{4}{9}$  of  $108 =$  \_\_\_\_\_
4.  $\frac{1}{10}$  of  $90 =$  \_\_\_\_\_
5.  $\frac{3}{7}$  of  $28 =$  \_\_\_\_\_
6.  $\frac{6}{7}$  of  $42 =$  \_\_\_\_\_
7.  $\frac{6}{10}$  of  $300 =$  \_\_\_\_\_
8.  $\frac{3}{4}$  of  $16 =$  \_\_\_\_\_
9.  $\frac{1}{12}$  of  $84 =$  \_\_\_\_\_
10.  $\frac{3}{11}$  of  $66 =$  \_\_\_\_\_

Adding fractions  
Tuesday

1.  $\frac{1}{12} + \frac{1}{48} =$  \_\_\_\_\_
2.  $\frac{2}{5} + \frac{2}{15} =$  \_\_\_\_\_
3.  $\frac{3}{4} + \frac{1}{40} =$  \_\_\_\_\_
4.  $\frac{2}{9} + \frac{1}{45} =$  \_\_\_\_\_
5.  $\frac{4}{5} + \frac{3}{20} =$  \_\_\_\_\_
6.  $\frac{1}{12} + \frac{1}{24} =$  \_\_\_\_\_
7.  $\frac{1}{11} + \frac{7}{66} =$  \_\_\_\_\_
8.  $\frac{1}{6} + \frac{1}{36} =$  \_\_\_\_\_
9.  $\frac{1}{12} + \frac{1}{36} =$  \_\_\_\_\_
10.  $\frac{3}{4} + \frac{1}{32} =$  \_\_\_\_\_

Fractions / decimals / percent  
Wednesday

1.  $\frac{1}{5} =$  \_\_\_\_\_ = \_\_\_\_\_
2.  $\frac{4}{5} =$  \_\_\_\_\_ = \_\_\_\_\_
3.  $\frac{3}{100} =$  \_\_\_\_\_ = \_\_\_\_\_
4.  $\frac{3.8}{10} =$  \_\_\_\_\_ = \_\_\_\_\_
5.  $\frac{9.7}{10} =$  \_\_\_\_\_ = \_\_\_\_\_
6.  $\frac{8}{100} =$  \_\_\_\_\_ = \_\_\_\_\_
7.  $\frac{1}{4} =$  \_\_\_\_\_ = \_\_\_\_\_
8.  $\frac{2}{3} =$  \_\_\_\_\_ = \_\_\_\_\_
9.  $\frac{1}{3} =$  \_\_\_\_\_ = \_\_\_\_\_

Dividing by 10 & 100  
Thursday

1.  $65 \div 10 =$  \_\_\_\_\_
2.  $19 \div 100 =$  \_\_\_\_\_
3.  $127 \div 10 =$  \_\_\_\_\_
4.  $66 \div 100 =$  \_\_\_\_\_
5.  $3 \div 10 =$  \_\_\_\_\_
6.  $13 \div 100 =$  \_\_\_\_\_
7.  $36 \div 100 =$  \_\_\_\_\_

Grade 6 & 7



# Mental Maths 2

## 10 weeks

Week 1	Mental Maths		Week 6	Mental Maths																																													
<b>Find the average Monday</b> 1. 6,15,9 = ____ 2. 6,3,3,4 = ____ 3. 11,7,3,4,5 = ____ 4. 7,3,2 = ____ 5. 10,20,30 = ____ 6. 4,5,6 = ____ 7. 18,18,18 = ____ 8. 30,50,10 = ____ 9. 4,11,3,2 = ____ 10. 13,12,9,2 = ____	<b>Algebra Tuesday</b> 1. 3 2. 6 3. 18 4. 1 5. 2 6. 4 7. 9 8. 16 9. 4 10. 1	<b>Week 5</b> <b>Find the average Monday</b> 1. 14,8 = ____ 2. 11,11,11,11 = ____ 3. 8,9,10 = ____ 4. 6,8,10 = ____ 5. 3,11,10 = ____ 6. 80,40 = ____ 7. 17,13,3 = ____ 8. 11,13,15 = ____ 9. 8,28 = ____ 10. 1.2,1.3,1.4 = ____	<b>Algebra Tuesday</b> 1. $15 + 10 \times \underline{\hspace{1cm}} = 65$ 2. $26 + 4 \times \underline{\hspace{1cm}} = 38$ 3. $20 + 9 \times \underline{\hspace{1cm}} = 101$ 4. $65 + 4 \times \underline{\hspace{1cm}} = 85$ 5. $10 + 12 \times \underline{\hspace{1cm}} = 154$ 6. $9 \times 11 + 6 \times 6 = \underline{\hspace{1cm}}$ 7. $4 \times 11 + 10 \times 6 = \underline{\hspace{1cm}}$ 8. $9 \times 4 + 8 \times 2 = \underline{\hspace{1cm}}$ 9. $7 \times 4 + 3 \times 3 = \underline{\hspace{1cm}}$ 10. $11 \times 5 + 6 \times 5 = \underline{\hspace{1cm}}$	<b>Week 10</b> <b>Square &amp; Add Monday</b> 1. $5^2 + 2^2 = \underline{\hspace{1cm}}$ 2. $3^2 + 9^2 = \underline{\hspace{1cm}}$ 3. $6^2 + 6^2 = \underline{\hspace{1cm}}$ 4. $5^2 + 5^2 = \underline{\hspace{1cm}}$ 5. $12^2 + 2^2 = \underline{\hspace{1cm}}$ 6. $10^2 + 7^2 = \underline{\hspace{1cm}}$ 7. $8^2 + 3^2 = \underline{\hspace{1cm}}$ 8. $7^2 + 7^2 = \underline{\hspace{1cm}}$ 9. $5^2 + 5^2 = \underline{\hspace{1cm}}$ 10. $6^2 + 4^2 = \underline{\hspace{1cm}}$	<b>Week 10</b> <b>Mental Maths</b> <table border="1"> <thead> <tr> <th>Square &amp; Add Monday</th> <th>Multiply Tuesday</th> <th>Percentages Wednesday</th> <th>Improper to mixed Thursday</th> </tr> </thead> <tbody> <tr> <td>1. <math>7^2 + 2^2 = \underline{\hspace{1cm}}</math></td> <td>1. <math>5 \times 8 \times 2 = \underline{\hspace{1cm}}</math></td> <td>1. 25% of 20 = ____</td> <td>1. <math>\frac{34}{3} = \underline{\hspace{1cm}}</math></td> </tr> <tr> <td>2. <math>5^2 + 6^2 = \underline{\hspace{1cm}}</math></td> <td>2. <math>6 \times 6 \times 3 = \underline{\hspace{1cm}}</math></td> <td>2. 30% of 90 = ____</td> <td>2. <math>\frac{26}{5} = \underline{\hspace{1cm}}</math></td> </tr> <tr> <td>3. <math>10^2 + 8^2 = \underline{\hspace{1cm}}</math></td> <td>3. <math>4 \times 4 \times 3 = \underline{\hspace{1cm}}</math></td> <td>3. 40% of 50 = ____</td> <td>3. <math>\frac{65}{8} = \underline{\hspace{1cm}}</math></td> </tr> <tr> <td>4. <math>5^2 + 5^2 = \underline{\hspace{1cm}}</math></td> <td>4. <math>8 \times 5 \times 7 = \underline{\hspace{1cm}}</math></td> <td>4. 15% of 40 = ____</td> <td>4. <math>\frac{13}{6} = \underline{\hspace{1cm}}</math></td> </tr> <tr> <td>5. <math>3^2 + 4^2 = \underline{\hspace{1cm}}</math></td> <td>5. <math>12 \times 5 \times 10 = \underline{\hspace{1cm}}</math></td> <td>5. 10% of 30 = ____</td> <td>5. <math>\frac{29}{4} = \underline{\hspace{1cm}}</math></td> </tr> <tr> <td>6. <math>2^2 + 6^2 = \underline{\hspace{1cm}}</math></td> <td>6. <math>7 \times 3 \times 3 = \underline{\hspace{1cm}}</math></td> <td>6. 50% of 84 = ____</td> <td></td> </tr> <tr> <td>7. <math>10^2 + 9^2 = \underline{\hspace{1cm}}</math></td> <td>7. <math>5 \times 2 \times 8 = \underline{\hspace{1cm}}</math></td> <td>7. 80% of 20 = ____</td> <td></td> </tr> <tr> <td>8. <math>2^2 + 2^2 = \underline{\hspace{1cm}}</math></td> <td>8. <math>4 \times 8 \times 4 = \underline{\hspace{1cm}}</math></td> <td>8. 30% of 100 = ____</td> <td></td> </tr> <tr> <td>9. <math>8^2 + 3^2 = \underline{\hspace{1cm}}</math></td> <td>9. <math>10 \times 9 \times 2 = \underline{\hspace{1cm}}</math></td> <td>9. 15% of 60 = ____</td> <td></td> </tr> <tr> <td>10. <math>5^2 + 10^2 = \underline{\hspace{1cm}}</math></td> <td>10. <math>7 \times 7 \times 2 = \underline{\hspace{1cm}}</math></td> <td></td> <td>10. <math>\frac{28}{9} = \underline{\hspace{1cm}}</math></td> </tr> </tbody> </table>	Square & Add Monday	Multiply Tuesday	Percentages Wednesday	Improper to mixed Thursday	1. $7^2 + 2^2 = \underline{\hspace{1cm}}$	1. $5 \times 8 \times 2 = \underline{\hspace{1cm}}$	1. 25% of 20 = ____	1. $\frac{34}{3} = \underline{\hspace{1cm}}$	2. $5^2 + 6^2 = \underline{\hspace{1cm}}$	2. $6 \times 6 \times 3 = \underline{\hspace{1cm}}$	2. 30% of 90 = ____	2. $\frac{26}{5} = \underline{\hspace{1cm}}$	3. $10^2 + 8^2 = \underline{\hspace{1cm}}$	3. $4 \times 4 \times 3 = \underline{\hspace{1cm}}$	3. 40% of 50 = ____	3. $\frac{65}{8} = \underline{\hspace{1cm}}$	4. $5^2 + 5^2 = \underline{\hspace{1cm}}$	4. $8 \times 5 \times 7 = \underline{\hspace{1cm}}$	4. 15% of 40 = ____	4. $\frac{13}{6} = \underline{\hspace{1cm}}$	5. $3^2 + 4^2 = \underline{\hspace{1cm}}$	5. $12 \times 5 \times 10 = \underline{\hspace{1cm}}$	5. 10% of 30 = ____	5. $\frac{29}{4} = \underline{\hspace{1cm}}$	6. $2^2 + 6^2 = \underline{\hspace{1cm}}$	6. $7 \times 3 \times 3 = \underline{\hspace{1cm}}$	6. 50% of 84 = ____		7. $10^2 + 9^2 = \underline{\hspace{1cm}}$	7. $5 \times 2 \times 8 = \underline{\hspace{1cm}}$	7. 80% of 20 = ____		8. $2^2 + 2^2 = \underline{\hspace{1cm}}$	8. $4 \times 8 \times 4 = \underline{\hspace{1cm}}$	8. 30% of 100 = ____		9. $8^2 + 3^2 = \underline{\hspace{1cm}}$	9. $10 \times 9 \times 2 = \underline{\hspace{1cm}}$	9. 15% of 60 = ____		10. $5^2 + 10^2 = \underline{\hspace{1cm}}$	10. $7 \times 7 \times 2 = \underline{\hspace{1cm}}$		10. $\frac{28}{9} = \underline{\hspace{1cm}}$
Square & Add Monday	Multiply Tuesday	Percentages Wednesday	Improper to mixed Thursday																																														
1. $7^2 + 2^2 = \underline{\hspace{1cm}}$	1. $5 \times 8 \times 2 = \underline{\hspace{1cm}}$	1. 25% of 20 = ____	1. $\frac{34}{3} = \underline{\hspace{1cm}}$																																														
2. $5^2 + 6^2 = \underline{\hspace{1cm}}$	2. $6 \times 6 \times 3 = \underline{\hspace{1cm}}$	2. 30% of 90 = ____	2. $\frac{26}{5} = \underline{\hspace{1cm}}$																																														
3. $10^2 + 8^2 = \underline{\hspace{1cm}}$	3. $4 \times 4 \times 3 = \underline{\hspace{1cm}}$	3. 40% of 50 = ____	3. $\frac{65}{8} = \underline{\hspace{1cm}}$																																														
4. $5^2 + 5^2 = \underline{\hspace{1cm}}$	4. $8 \times 5 \times 7 = \underline{\hspace{1cm}}$	4. 15% of 40 = ____	4. $\frac{13}{6} = \underline{\hspace{1cm}}$																																														
5. $3^2 + 4^2 = \underline{\hspace{1cm}}$	5. $12 \times 5 \times 10 = \underline{\hspace{1cm}}$	5. 10% of 30 = ____	5. $\frac{29}{4} = \underline{\hspace{1cm}}$																																														
6. $2^2 + 6^2 = \underline{\hspace{1cm}}$	6. $7 \times 3 \times 3 = \underline{\hspace{1cm}}$	6. 50% of 84 = ____																																															
7. $10^2 + 9^2 = \underline{\hspace{1cm}}$	7. $5 \times 2 \times 8 = \underline{\hspace{1cm}}$	7. 80% of 20 = ____																																															
8. $2^2 + 2^2 = \underline{\hspace{1cm}}$	8. $4 \times 8 \times 4 = \underline{\hspace{1cm}}$	8. 30% of 100 = ____																																															
9. $8^2 + 3^2 = \underline{\hspace{1cm}}$	9. $10 \times 9 \times 2 = \underline{\hspace{1cm}}$	9. 15% of 60 = ____																																															
10. $5^2 + 10^2 = \underline{\hspace{1cm}}$	10. $7 \times 7 \times 2 = \underline{\hspace{1cm}}$		10. $\frac{28}{9} = \underline{\hspace{1cm}}$																																														

Grade 6 & 7



# Mental Maths

## 10 weeks

Week 1

### Mental Maths

#### Monday

1.  $199 + 28 =$  \_\_\_\_\_
2.  $902 + 77 =$  \_\_\_\_\_
3.  $738 + 198 =$  \_\_\_\_\_
4.  $264 + 86 =$  \_\_\_\_\_
5.  $515 + 409 =$  \_\_\_\_\_
6.  $196 + 728 =$  \_\_\_\_\_
7.  $632 + 852 =$  \_\_\_\_\_
8.  $445 + 523 =$  \_\_\_\_\_
9.  $278 + 989 =$  \_\_\_\_\_
10.  $893 + 987 =$  \_\_\_\_\_

Week 2

#### Fractions of numbers

1.  $\frac{1}{2}$  of 42 = \_\_\_\_\_
2.  $\frac{1}{4}$  of 60 = \_\_\_\_\_
3.  $\frac{3}{7}$  of 35 = \_\_\_\_\_
4.  $\frac{3}{4}$  of 12 = \_\_\_\_\_
5.  $\frac{3}{5}$  of 50 = \_\_\_\_\_
6.  $\frac{5}{8}$  of 48 = \_\_\_\_\_
7.  $\frac{1}{7}$  of 49 = \_\_\_\_\_
8.  $\frac{7}{8}$  of 80 = \_\_\_\_\_
9.  $\frac{5}{6}$  of 60 = \_\_\_\_\_
10.  $\frac{4}{5}$  of 60 = \_\_\_\_\_

#### Adding fractions

1.  $\frac{1}{6} + \frac{2}{3} =$  \_\_\_\_\_
2.  $\frac{2}{5} + \frac{7}{10} =$  \_\_\_\_\_
3.  $\frac{3}{7} + \frac{1}{14} =$  \_\_\_\_\_
4.  $\frac{4}{9} + \frac{5}{6} =$  \_\_\_\_\_
5.  $\frac{4}{5} + \frac{1}{20} =$  \_\_\_\_\_
6.  $\frac{5}{14} + \frac{1}{28} =$  \_\_\_\_\_
7.  $\frac{2}{3} + \frac{5}{9} =$  \_\_\_\_\_
8.  $\frac{7}{10} + \frac{1}{2} =$  \_\_\_\_\_
9.  $\frac{7}{12} + \frac{1}{36} =$  \_\_\_\_\_
10.  $\frac{5}{9} + \frac{1}{18} =$  \_\_\_\_\_

Week 10

#### Fractions of numbers

1.  $\frac{1}{6}$  of 30 = \_\_\_\_\_
2.  $\frac{4}{5}$  of 55 = \_\_\_\_\_
3.  $\frac{2}{3}$  of 39 = \_\_\_\_\_
4.  $\frac{3}{10}$  of 70 = \_\_\_\_\_
5.  $\frac{5}{7}$  of 28 = \_\_\_\_\_
6.  $\frac{1}{6}$  of 42 = \_\_\_\_\_
7.  $\frac{7}{10}$  of 50 = \_\_\_\_\_
8.  $\frac{3}{4}$  of 36 = \_\_\_\_\_
9.  $\frac{11}{12}$  of 24 = \_\_\_\_\_
10.  $\frac{5}{22}$  of 66 = \_\_\_\_\_

#### Adding fractions

1.  $\frac{5}{12} + \frac{1}{36} =$  \_\_\_\_\_
2.  $\frac{2}{10} + \frac{2}{15} =$  \_\_\_\_\_
3.  $\frac{3}{4} + \frac{3}{44} =$  \_\_\_\_\_
4.  $\frac{2}{15} + \frac{1}{45} =$  \_\_\_\_\_
5.  $\frac{4}{5} + \frac{3}{20} =$  \_\_\_\_\_
6.  $\frac{5}{12} + \frac{1}{24} =$  \_\_\_\_\_
7.  $\frac{1}{11} + \frac{7}{44} =$  \_\_\_\_\_
8.  $\frac{5}{8} + \frac{1}{16} =$  \_\_\_\_\_
9.  $\frac{4}{12} + \frac{1}{36} =$  \_\_\_\_\_
10.  $\frac{3}{4} + \frac{1}{32} =$  \_\_\_\_\_

Week 7

### Mental Maths

#### Add

1.  $828 + 747 =$  \_\_\_\_\_
2.  $906 + 913 =$  \_\_\_\_\_
3.  $143 + 896 =$  \_\_\_\_\_
4.  $505 + 281 =$  \_\_\_\_\_
5.  $375 + 275 =$  \_\_\_\_\_
6.  $237 + 544 =$  \_\_\_\_\_
7.  $519 + 813 =$  \_\_\_\_\_
8.  $700 + 529 =$  \_\_\_\_\_
9.  $282 + 643 =$  \_\_\_\_\_
10.  $619 + 299 =$  \_\_\_\_\_

#### Subtract

1.  $627 - 305 =$  \_\_\_\_\_
2.  $892 - 521 =$  \_\_\_\_\_
3.  $374 - 292 =$  \_\_\_\_\_
4.  $567 - 129 =$  \_\_\_\_\_
5.  $835 - 356 =$  \_\_\_\_\_
6.  $466 - 277 =$  \_\_\_\_\_
7.  $832 - 190 =$  \_\_\_\_\_
8.  $582 - 494 =$  \_\_\_\_\_
9.  $959 - 538 =$  \_\_\_\_\_
10.  $760 - 303 =$  \_\_\_\_\_

#### Multiply

1.  $150 \times 60 =$  \_\_\_\_\_
2.  $720 \times 30 =$  \_\_\_\_\_
3.  $330 \times 30 =$  \_\_\_\_\_
4.  $820 \times 60 =$  \_\_\_\_\_
5.  $55 \times 40 =$  \_\_\_\_\_
6.  $350 \times 20 =$  \_\_\_\_\_
7.  $550 \times 20 =$  \_\_\_\_\_
8.  $21 \times 200 =$  \_\_\_\_\_
9.  $330 \times 200 =$  \_\_\_\_\_
10.  $350 \times 200 =$  \_\_\_\_\_

#### Divide

1.  $725 \div 5 =$  \_\_\_\_\_
2.  $880 \div 80 =$  \_\_\_\_\_
3.  $125 \div 5 =$  \_\_\_\_\_
4.  $450 \div 90 =$  \_\_\_\_\_
5.  $1560 \div 20 =$  \_\_\_\_\_
6.  $840 \div 20 =$  \_\_\_\_\_
7.  $1800 \div 50 =$  \_\_\_\_\_
8.  $3280 \div 40 =$  \_\_\_\_\_
9.  $330 \div 3 =$  \_\_\_\_\_
10.  $660 \div 6 =$  \_\_\_\_\_

Grade 6 & 7





# Mental Maths

## 10 weeks

Week 1

### Mental Maths

#### Convert to fraction

1.  $0.25 = \underline{\hspace{2cm}}$
2.  $0.8 = \underline{\hspace{2cm}}$
3.  $0.45 = \underline{\hspace{2cm}}$
4.  $0.9 = \underline{\hspace{2cm}}$
5.  $0.09 = \underline{\hspace{2cm}}$
6.  $0.75 = \underline{\hspace{2cm}}$
7.  $0.33 = \underline{\hspace{2cm}}$
8.  $1.25 = \underline{\hspace{2cm}}$
9.  $0.6 = \underline{\hspace{2cm}}$
10.  $0.1 = \underline{\hspace{2cm}}$

#### Multiplying by 10 & 100

1.  $40 \times 80 = \underline{\hspace{2cm}}$
2.  $60 \times 60 = \underline{\hspace{2cm}}$
3.  $30 \times 70 = \underline{\hspace{2cm}}$
4.  $90 \times 90 = \underline{\hspace{2cm}}$
5.  $70 \times 40 = \underline{\hspace{2cm}}$
6.  $9 \times 300 = \underline{\hspace{2cm}}$
7.  $800 \times 5 = \underline{\hspace{2cm}}$
8.  $9 \times 90 = \underline{\hspace{2cm}}$
9.  $60 \times 8 = \underline{\hspace{2cm}}$
10.  $7 \times 800 = \underline{\hspace{2cm}}$

#### Round to 1 decimal place

1. 3.
2. 4.
3. 7.
4. 3.
5. 1.
6. 4.
7. 5.
8. 1.
9. 6.
10. 1.

#### Dividing numbers by 10 & 100

Week 5

### Mental Maths

#### Convert to fraction

1.  $0.67 = \underline{\hspace{2cm}}$
2.  $0.22 = \underline{\hspace{2cm}}$
3.  $0.07 = \underline{\hspace{2cm}}$
4.  $0.7 = \underline{\hspace{2cm}}$
5.  $0.75 = \underline{\hspace{2cm}}$
6.  $0.25 = \underline{\hspace{2cm}}$
7.  $0.33 = \underline{\hspace{2cm}}$
8.  $0.03 = \underline{\hspace{2cm}}$
9.  $0.5 = \underline{\hspace{2cm}}$
10.  $0.91 = \underline{\hspace{2cm}}$

#### Multiplying by 10 & 100

1.  $40 \times 50 = \underline{\hspace{2cm}}$
2.  $30 \times 90 = \underline{\hspace{2cm}}$
3.  $60 \times 40 = \underline{\hspace{2cm}}$
4.  $80 \times 30 = \underline{\hspace{2cm}}$
5.  $60 \times 60 = \underline{\hspace{2cm}}$
6.  $8 \times 400 = \underline{\hspace{2cm}}$
7.  $200 \times 12 = \underline{\hspace{2cm}}$
8.  $12 \times 70 = \underline{\hspace{2cm}}$
9.  $90 \times 5 = \underline{\hspace{2cm}}$
10.  $8 \times 700 = \underline{\hspace{2cm}}$

Week 10

### Mental Maths

#### 40% of a number

1.  $70 = \underline{\hspace{2cm}}$
2.  $120 = \underline{\hspace{2cm}}$
3.  $50 = \underline{\hspace{2cm}}$
4.  $60 = \underline{\hspace{2cm}}$
5.  $10 = \underline{\hspace{2cm}}$
6.  $20 = \underline{\hspace{2cm}}$
7.  $90 = \underline{\hspace{2cm}}$
8.  $30 = \underline{\hspace{2cm}}$
9.  $150 = \underline{\hspace{2cm}}$
10.  $40 = \underline{\hspace{2cm}}$

#### BIMDAS / PEDMAS

1.  $80 + 30 \times 2 = \underline{\hspace{2cm}}$
2.  $25 + 25 \times 3 = \underline{\hspace{2cm}}$
3.  $70 + 12 \times 5 = \underline{\hspace{2cm}}$
4.  $30 - 7 \times 4 = \underline{\hspace{2cm}}$
5.  $90 - 9 \times 5 = \underline{\hspace{2cm}}$
6.  $3 \times 3 \times 3 = \underline{\hspace{2cm}}$
7.  $9 \times 2 \times 2 = \underline{\hspace{2cm}}$
8.  $63 \div 9 \times 3 = \underline{\hspace{2cm}}$
9.  $81 \div 9 \times 5 = \underline{\hspace{2cm}}$
10.  $36 \div 6 \times 7 = \underline{\hspace{2cm}}$

#### Indices

1.  $12^2 \times 10 = \underline{\hspace{2cm}}$
2.  $5^2 \times 8 = \underline{\hspace{2cm}}$
3.  $4^2 \times 2 = \underline{\hspace{2cm}}$
4.  $8^2 - 60 = \underline{\hspace{2cm}}$
5.  $3^2 + 5^2 = \underline{\hspace{2cm}}$
6.  $11^2 \times 2 = \underline{\hspace{2cm}}$
7.  $5^2 \times 2^2 = \underline{\hspace{2cm}}$
8.  $3^2 \times 5 = \underline{\hspace{2cm}}$
9.  $6^2 - 30 = \underline{\hspace{2cm}}$
10.  $5^2 \times 2 = \underline{\hspace{2cm}}$

#### Mixed

1.  $50 \times 50 = \underline{\hspace{2cm}}$
2.  $240 \div 80 = \underline{\hspace{2cm}}$
3.  $360 + 360 = \underline{\hspace{2cm}}$
4.  $480 - 220 = \underline{\hspace{2cm}}$
5.  $90 \times 70 = \underline{\hspace{2cm}}$
6.  $420 \div 60 = \underline{\hspace{2cm}}$
7.  $510 + 99 = \underline{\hspace{2cm}}$
8.  $180 - 79 = \underline{\hspace{2cm}}$
9.  $80 \times 12 = \underline{\hspace{2cm}}$
10.  $960 \div 10 = \underline{\hspace{2cm}}$

Grade 6 & 7