

Mental Maths

Includes:

- 3 weeks of mental maths
- Answer sheets
- Variety of mathematical concepts

Mathematical concepts:

- Addition
- Subtraction
- Multiplication
- Division
- Indices
- Percentages
- Improper fractions
- Fractions / Decimals / Percentages
- Average
- Algebra
- Adding decimals
- Ordering decimals

Week 1

Mental Maths

Monday

Tuesday

Wednesday

Thursday

1. $95 + 96 =$ ____	1. $98 - 65 =$ ____	1. $60 \times 60 =$ ____	1. $490 \div 70 =$ ____
2. $77 + 67 =$ ____	2. $154 - 66 =$ ____	2. $80 \times 40 =$ ____	2. $540 \div 60 =$ ____
3. $49 + 86 =$ ____	3. $523 - 97 =$ ____	3. $90 \times 70 =$ ____	3. $320 \div 80 =$ ____
4. $316 + 88 =$ ____	4. $182 - 101 =$ ____	4. $50 \times 50 =$ ____	4. $450 \div 90 =$ ____
5. $428 + 141 =$ ____	5. $766 - 421 =$ ____	5. $30 \times 90 =$ ____	5. $300 \div 60 =$ ____
6. $95 + 89 =$ ____	6. $85 - 42 =$ ____	6. $400 \times 70 =$ ____	6. $810 \div 9 =$ ____

Week 2

Mental Maths

Square & Add
Monday

Multiply
Tuesday

Percentages
Wednesday

Improper to mixed
Thursday

1. $4^2 + 5^2 =$ ____	1. $6 \times 2 \times 2 =$ ____	1. 40% of 60 = ____	1. $\frac{17}{5} =$ ____
2. $6^2 + 2^2 =$ ____	2. $8 \times 5 \times 3 =$ ____	2. 20% of 80 = ____	2. $\frac{15}{2} =$ ____
3. $8^2 + 2^2 =$ ____	3. $4 \times 5 \times 5 =$ ____	3. 25% of 80 = ____	3. $\frac{25}{5} =$ ____
4. $9^2 + 3^2 =$ ____	4. $6 \times 6 \times 6 =$ ____	4. 30% of 90 = ____	4. $\frac{30}{6} =$ ____
5. $10^2 + 4^2 =$ ____	5. $7 \times 7 \times 7 =$ ____	5. 40% of 100 = ____	5. $\frac{40}{10} =$ ____
6. $11^2 + 5^2 =$ ____	6. $8 \times 8 \times 8 =$ ____	6. 50% of 120 = ____	6. $\frac{50}{20} =$ ____

Week 3

Mental Maths

Find the average
Monday

Algebra / BIMDAS
Tuesday

Adding decimals
Wednesday

Ascending order
Thursday

1. 20,30,40 = ____	1. $7 + 5 \times$ ____ = 32	1. $15.3 + 12.5 =$ ____	1. 0.6, 0.06, 6.6, 0.67
2. 5,5,5,5 = ____	2. $9 + 9 \times$ ____ = 90	2. $6.7 + 3.6 =$ ____	2. 3.3, 0.3, 3.35, 33.5
3. 4,6,8 = ____	3. $20 + 6 \times$ ____ = 56	3. $8.2 + 4.4 =$ ____	3. 8.1, 8.2, 8.02, 2.2
4. 8,12,4 = ____	4. $15 + 8 \times$ ____ = 39	4. $9.3 + 74.5 =$ ____	4. 0.74, 0.07, 0.7, 0.77
5. 7,3,15,11 = ____	5. $75 + 15 \times$ ____ = 150	5. $8.8 + 1.4 =$ ____	5. 4.1, 4.12, 4.01, 4.11
6. 7,7,7 = ____	6. $5 \times 5 + 3 \times 8 =$ ____	6. $14.7 + 6.6 =$ ____	6. 9.01, 9.11, 9.31, 9.13
7. 10,30,50 = ____	7. $2 \times 12 + 9 \times 3 =$ ____	7. $22.5 + 14.2 =$ ____	7. 2.21, 2.01, 2.8, 2.6
8. 12,8,1 = ____	8. $12 \times 7 + 8 \times 4 =$ ____	8. $16.2 + 44.9 =$ ____	8. 5.41, 5.3, 5.4, 5.04
9. 45,45,45 = ____	9. $3 \times 9 + 7 \times 7 =$ ____	9. $6.4 + 19.9 =$ ____	
10. 17,18,19 = ____	10. $11 \times 5 + 2 \times 8 =$ ____	10. $7.8 + 6.3 =$ ____	

Mental Maths

Monday

1. $95 + 96 =$ _____

2. $77 + 67 =$ _____

3. $49 + 86 =$ _____

4. $316 + 88 =$ _____

5. $428 + 141 =$ _____

6. $95 + 89 =$ _____

7. $225 + 75 =$ _____

8. $314 + 212 =$ _____

9. $374 + 72 =$ _____

10. $256 + 184 =$ _____

Tuesday

1. $98 - 65 =$ _____

2. $154 - 66 =$ _____

3. $523 - 97 =$ _____

4. $182 - 101 =$ _____

5. $756 - 411 =$ _____

6. $85 - 42 =$ _____

7. $638 - 171 =$ _____

8. $563 - 69 =$ _____

9. $318 - 109 =$ _____

10. $74 - 38 =$ _____

Wednesday

1. $60 \times 60 =$ _____

2. $80 \times 40 =$ _____

3. $90 \times 70 =$ _____

4. $50 \times 50 =$ _____

5. $30 \times 10 =$ _____

6. $400 \times 70 =$ _____

7. $900 \times 70 =$ _____

8. $40 \times 500 =$ _____

9. $20 \times 800 =$ _____

10. $80 \times 600 =$ _____

Thursday

1. $490 \div 70 =$ _____

2. $540 \div 60 =$ _____

3. $320 \div 80 =$ _____

4. $450 \div 90 =$ _____

5. $300 \div 60 =$ _____

6. $810 \div 9 =$ _____

7. $160 \div 4 =$ _____

8. $720 \div 12 =$ _____

9. $960 \div 8 =$ _____

10. $640 \div 8 =$ _____

Preview

Mental Maths

Square & Add
Monday

1. $4^2 + 5^2 =$ _____

2. $6^2 + 2^2 =$ _____

3. $8^2 + 8^2 =$ _____

4. $3^2 + 5^2 =$ _____

5. $12^2 + 9^2 =$ _____

6. $4^2 + 8^2 =$ _____

7. $3^2 + 3^2 =$ _____

8. $5^2 + 10^2 =$ _____

9. $12^2 + 4^2 =$ _____

10. $6^2 + 6^2 =$ _____

Multiply
Tuesday

1. $6 \times 2 \times 2 =$ _____

2. $8 \times 5 \times 3 =$ _____

3. $4 \times 4 \times 5 =$ _____

4. $12 \times 3 \times 2 =$ _____

5. $1 \times 11 \times 2 =$ _____

6. $3 \times 8 \times 3 =$ _____

7. $5 \times 9 \times 2 =$ _____

8. $12 \times 2 \times 2 =$ _____

9. $3 \times 11 \times 3 =$ _____

10. $4 \times 5 \times 5 =$ _____

Percentages
Wednesday

1. 40% of 60 = _____

2. 20% of 80 = _____

3. 15% of 40 = _____

4. 60% of 20 = _____

5. 30% of 30 = _____

6. 10% of 60 = _____

7. 80% of 40 = _____

8. 20% of 80 = _____

9. 25% of 20 = _____

10. 40% of 10 = _____

Improper to mixed
Thursday

1. $\frac{17}{5} =$ _____

2. $\frac{15}{2} =$ _____

3. $\frac{25}{6} =$ _____

4. $\frac{13}{4} =$ _____

5. $\frac{26}{5} =$ _____

6. $\frac{42}{6} =$ _____

7. $\frac{17}{3} =$ _____

8. $\frac{44}{7} =$ _____

9. $\frac{26}{12} =$ _____

10. $\frac{37}{9} =$ _____

Preview

Mental Maths

Find the average Monday

1. 20,30,40 = _____

2. 5,5,5,5 = _____

3. 4,6,8 = _____

4. 8,12,4 = _____

5. 7,3,15,11 = _____

6. 7,7,7 = _____

7. 10,30,50 = _____

8. 12,8,1 = _____

9. 45,45,45 = _____

10. 17,18,19 = _____

Algebra / BIMDAS Tuesday

1. $7 + 5 \times \underline{\quad} = 32$

2. $9 + 9 \times \underline{\quad} = 90$

3. $20 + 6 \times \underline{\quad} = 56$

4. $15 + 8 \times \underline{\quad} = 29$

5. $75 + 15 \times \underline{\quad} = 150$

6. $5 \times 5 + 3 \times 8 = \underline{\quad}$

7. $2 \times 12 + 9 \times 3 = \underline{\quad}$

8. $12 \times 7 + 8 \times 4 = \underline{\quad}$

9. $3 \times 9 + 7 \times 7 = \underline{\quad}$

10. $11 \times 5 + 2 \times 8 = \underline{\quad}$

Adding decimals Wednesday

1. $15.3 + 12.5 = \underline{\quad}$

2. $6.7 + 3.6 = \underline{\quad}$

3. $8.2 + 4.4 = \underline{\quad}$

4. $9.3 + 74.5 = \underline{\quad}$

5. $3.8 + 1.4 = \underline{\quad}$

6. $14.7 + 6.6 = \underline{\quad}$

7. $22.5 + 14.2 = \underline{\quad}$

8. $16.2 + 44.9 = \underline{\quad}$

9. $6.4 + 19.9 = \underline{\quad}$

10. $7.8 + 6.3 = \underline{\quad}$

Ascending order Thursday

1. 0.6, 0.06, 6.6, 0.67

2. 3.3, 0.3, 3.35, 33.5

3. 8.1, 8.2, 8.02, 2.2

4. 0.74, 0.07, 0.7, 0.77

5. 4.1, 4.12, 4.01, 4.11

6. 9.01, 9.11, 9.31, 9.13

7. 2.21, 2.01, 2.8, 2.6

8. 5.41, 5.3, 5.4, 5.04

Preview

Week 1

Mental Maths

Monday

1. $95 + 96 = 191$

2. $77 + 67 = 144$

3. $49 + 86 = 135$

4. $316 + 88 = 404$

5. $428 + 141 = 569$

6. $95 + 89 = 184$

7. $225 + 75 = 300$

8. $314 + 212 = 526$

9. $374 + 72 = 446$

10. $256 + 184 = 440$

Tuesday

1. $98 - 65 = 33$

2. $154 - 66 = 88$

3. $523 - 97 = 426$

4. $182 - 101 = 81$

5. $756 - 411 = 345$

6. $85 - 42 = 43$

7. $638 - 171 = 467$

8. $563 - 69 = 494$

9. $318 - 109 = 209$

10. $74 - 38 = 36$

Wednesday

1. $60 \times 60 = 3600$

2. $80 \times 40 = 3200$

3. $90 \times 70 = 6300$

4. $50 \times 50 = 2500$

5. $20 \times 90 = 1800$

6. $400 \times 70 = 28000$

7. $900 \times 70 = 63000$

8. $40 \times 500 = 50000$

9. $20 \times 800 = 16000$

10. $80 \times 600 = 48000$

Thursday

1. $490 \div 70 = 7$

2. $540 \div 60 = 9$

3. $320 \div 80 = 4$

4. $450 \div 90 = 5$

5. $300 \div 60 = 5$

6. $810 \div 9 = 90$

7. $160 \div 4 = 40$

8. $720 \div 12 = 60$

9. $960 \div 8 = 120$

10. $640 \div 8 = 80$

Preview

Mental Maths

Square & Add
Monday

1. $4^2 + 5^2 = 41$

2. $6^2 + 2^2 = 40$

3. $8^2 + 8^2 = 128$

4. $3^2 + 5^2 = 40$

5. $12^2 + 9^2 = 225$

6. $4^2 + 8^2 = 80$

7. $3^2 + 3^2 = 18$

8. $5^2 + 10^2 = 125$

9. $12^2 + 4^2 = 160$

10. $6^2 + 6^2 = 72$

Multiply
Tuesday

1. $6 \times 2 \times 2 = 24$

2. $8 \times 5 \times 3 = 120$

3. $4 \times 4 \times 5 = 80$

4. $12 \times 3 \times 2 = 72$

5. $11 \times 2 \times 2 = 44$

6. $3 \times 8 \times 3 = 72$

7. $5 \times 9 \times 2 = 90$

8. $12 \times 2 \times 2 = 48$

9. $3 \times 11 \times 3 = 99$

10. $4 \times 5 \times 5 = 100$

Percentages
Wednesday

1. 40% of 60 = 24

2. 20% of 80 = 16

3. 15% of 40 = 6

4. 60% of 20 = 12

5. 30% of 30 = 9

6. 10% of 60 = 6

7. 80% of 40 = 32

8. 20% of 80 = 16

9. 25% of 20 = 5

10. 40% of 10 = 4

Improper to mixed
Thursday

1. $\frac{17}{5} = 3 \frac{2}{5}$

2. $\frac{15}{2} = 7 \frac{1}{2}$

3. $\frac{25}{6} = 4 \frac{1}{6}$

4. $\frac{13}{4} = 3 \frac{1}{4}$

5. $\frac{26}{5} = 5 \frac{1}{5}$

6. $\frac{42}{6} = 7$

7. $\frac{17}{3} = 5 \frac{2}{3}$

8. $\frac{44}{7} = 6 \frac{2}{7}$

9. $\frac{26}{12} = 2 \frac{1}{6}$

10. $\frac{37}{9} = 4 \frac{1}{9}$

Preview

Mental Maths

Find the average Monday

1. 20,30,40 = 30

2. 5,5,5,5 = 5

3. 4,6,8 = 6

4. 8,12,4 = 8

5. 7,3,15,11 = 9

6. 7,7,7 = 7

7. 10,30,50 = 30

8. 12,8,1 = 7

9. 45,45,45 = 45

10. 17,18,19 = 18

Algebra / BIMDAS Tuesday

1. $7 + 5 \times 5 = 32$

2. $9 + 9 \times 9 = 90$

3. $20 + 6 \times 6 = 56$

4. $15 + 8 \times 3 = 39$

5. $75 + 15 \times 5 = 150$

6. $5 \times 5 + 3 \times 8 = 39$

7. $2 \times 12 + 9 \times 3 = 51$

8. $12 \times 7 + 8 \times 4 = 116$

9. $3 \times 9 + 7 \times 7 = 76$

10. $11 \times 5 + 2 \times 8 = 71$

Adding decimals Wednesday

1. $15.3 + 12.5 = 27.8$

2. $6.7 + 3.6 = 10.3$

3. $8.2 + 4.4 = 12.6$

4. $7.3 + 74.5 = 83.8$

5. $3.8 + 6.4 = 10.2$

6. $14.7 + 6.6 = 21.3$

7. $22.5 + 14.2 = 36.7$

8. $16.2 + 44.9 = 61.1$

9. $6.4 + 19.9 = 26.3$

10. $7.8 + 6.3 = 14.1$

Ascending order Thursday

1. 0.6, 0.06, 6.6, 0.67
0.06, 0.6, 0.67, 6.6

2. 3.3, 0.3, 3.35, 33.5
0.3, 3.3, 3.35, 33.5

3. 8.1, 8.2, 8.02, 2.2
2.2, 8.02, 8.1, 8.2

4. 0.74, 0.07, 0.7, 0.77
0.07, 0.7, 0.74, 0.77

5. 4.1, 4.12, 4.01, 4.11
4.01, 4.1, 4.11, 4.12

6. 9.01, 9.11, 9.31, 9.13
9.01, 9.11, 9.13, 9.31

7. 2.21, 2.01, 2.8, 2.6
2.01, 2.6, 2.8, 2.21

8. 5.41, 5.3, 5.4, 5.04
5.04, 5.3, 5.4, 5.41

Preview